CATALOGUE . . . .

OF

Artists' Materials.

SANBORN, VAIL & CO.

170 FIRST and 171 FRONT STREET,

PORTLAND, OREGON.

857, 859 & 861 Market St.
SAN FRANCISCO, CAL.

133 South Spring Street,
LOS ANGELES, CAL.

E. C. HUGHES, PRINTER, 511 SANSOME ST., S. F.

Notice.

I. The prices in this Catalogue will be adhered to as much as possible, bu owing to frequent fluctuations in the value of some articles, alterations may occasionally be necessary, and will be made without special notice.

II. In ordering, please adhere to names and numbers used in *this* catalogue, thus avoiding possible mistakes and delays.

III. Liquids, Oil Colors, etc., are not mailable.

IV. Shipping directions should accompany each order.

V. Strangers desiring credit must furnish acceptable reference. Every order for goods to be sent C. O. D. should be accompanied by at least 25 per cent. of the amount of such bill in cash, as a guarantee of good faith on the part of the purchaser.

San Francisco, Nov. 9th, 1891. *SANBORN, VAIL & CO.*

Order Blanks.

Save time and avoid mistakes by using order blanks (furnished free on application) for following, **Winsor & Newton's Oil Colors, Winsor & Newton's Water Colors La Croix's Vitrifiable Colors.**

SANBORN, VAIL & CO.,

Art Dealers,

PORTLAND, - OREGON.

We mail you our catalogue. The prices quoted are for the wholesale trade, consequently you cannot be governed by the prices.

You will find it useful as a reference book in ordering and can use it for that purpose.

All orders must be accompanied by about 25 per cent. of amount in advance. Balance will be sent by express, C. O. D.

PRICED · CATALOGUE

—OF—

ARTISTS' MATERIALS

SUPPLIES FOR

OIL PAINTING,
WATER COLOR PAINTING,
SKETCHING,
PORCELAIN AND CHINA PAINTING,
PASTEL PAINTING,
CRAYON AND LEAD PENCIL DRAWING,
MINIATURE PAINTING,
LUSTRE PAINTING.

BRUSHES FOR

ARTISTS, · VARNISHERS · AND · GILDERS.

STUDIES FOR DRAWING.

SANBORN, VAIL & CO.,

Manufacturers and Importers of

MOULDINGS, PICTURE FRAMES, MIRRORS AND ARTISTS' MATERIALS.

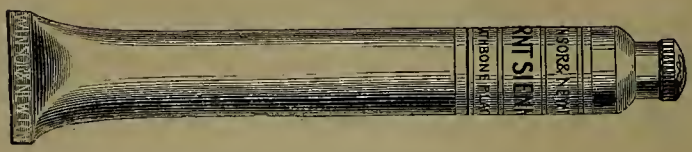
170 First St., and 171 Front St., Portland, Or.

857-859-861 Market Street,
SAN FRANCISCO, CAL.

133 South Spring St., Los Angeles, Cal.

WINSOR & NEWTON'S FINELY PREPARED OIL COLORS.

IN COLLAPSIBLE TUBES.



CLASS I.

Antwerp Blue
Asphaltum (thick)
Bitumen
Black Lead
Blanc d'Argent
Blue Black
Bone Brown
Brown Ochre
Brown Pink
Burnt Roman Ochre
Burnt Sienna
Burnt Umber
Burnt Terra Verte
Caledonia Brown
Cappah Brown
Cassel Earth
Chinese Blue
Chrome Green, No, 1
Chrome Green, No. 2
Chrome Green, No 3
Chrome, Lemon
Chrome, Yellow
Chrome, Deep
Chrome, Orange
Chrome Red
Cinnabar Green, Light
Cinnabar Green, Middle
Cinnabar Green, Deep
Cologne Earth
Copal Megilp
Cork Black
Cremnitz White
Crimson Lake
Emerald Green
Flake White
Gamboge
Indian Red
Indian Lake
Indigo
Italian Pink
Ivory Black
Jaune Brilliant
King's Yellow
Lamp Black
Light Red
Magenta
Mauve
Mauve, No. 2
Medium (Improved Megilp)
Megilp
Monochrome No 1
" " 2
" " 3
" Warm No. 1
" " " 2
" " " 3
Mummy
Naples Yellow, French
Naples Yellow
Neutral Tint
New Blue
Nottingham White
Olive Green
Olive Lake
Olive Tint
Orpiment
Oxford Ochre
Payne's Grey
Permanent Blue
Permanent White
Permanent Yellow
Prussian Blue
Prussian Green
Prussian Brown
Purple Lake
Pyne's Megilp
Raw Sienna
Raw Umber
Raw Umber, Light
Roman Ochre
Roman Ochre, Cool
Sap Green
Scarlet Lake
Silver White
Sugar of Lead
Terre Rosa
Terre Verte
Transpa't Gold Ochre
Vandyke Brown
Venetian Red
Verdigris
Verona Brown
Yellow Lake
Yellow Ochre
Zinc White

Per dozen $1 0

WINSOR & NEWTON'S OIL COLORS.—Continued.

DOUBLE TUBES.

Cremnitz White — Flake White — Silver White
Per dozen $2 00

TREBLE TUBES.

Cremnitz White — Flake White — Silver White
Per dozen $3 00

QUADRUPLE TUBES.

Cremnitz White — Flake White — Silver White
Per dozen $4 00

CLASS II.

Alizarin Crimson	French Vermilion	Rembrandt's Madder
Brown Madder	Geranium Lake	Ruben's Madder
Burnt Lake	Green Lake, Light	Sepia
Cerulean Blue	Green Lake, Deep	Vermilion
Chinese Vermilion		" Pale

Per dozen $1 80

CLASS III.

Brilliant Ultramarine	Lemon Yellow, Pale	Orange Vermilion
Carmine, No. 2	Lemon Yellow	Oxide of Chromium
Citron Yellow	Madder Lake	Ditto Transparent
Cobalt Blue	Malachite Green	Pink Madder
Cobalt Green	Mars Brown	Purple Madder
Extract of Vermilion	Mars Orange	Rose Madder
French Ultramarine	Mars Red	Scarlet Vermilion
French Veronese Green	Mars Violet	Scarlet Madder
Indian Yellow	Mars Yellow	Strontian Yellow
Leitch's Blue	Mineral Grey	Viridian

Per dozen $2 80

CLASS IV.

Aureolin	Cadmium Yellow, Deep	Madder Carmine
Burnt Carmine	Cadmium Orange	Orient Yellow
Carmine, Finest	Crimson Madder	Violet Carmine
Cadmium Yellow, Pale	Field's Orange Vermilion	Yellow Carmine
Cadmium Yellow	Indian Purple	

Per dozen $4 40

CLASS V.

Aurora Yellow, — Primrose Aureolin
Per dozen $6 00

CLASS VI.

Extra Madder Carmine — Extra Purple Madder — Ultramarine Ash
Per dozen $8 00

SCHOENFELD'S GERMAN OIL COLORS.

IN COLLAPSIBLE TUBES.

CLASS I.

Asphaltum
Bone Brown
Burnt Sienna
" Umber
" Terra Verte
Caput Mortum Light
" " Deep
Cremnitz White
Flake White
Flesh Ochre
Gold Ochre
Ivory Black
Jaune Brilliant Light
" " Deep
Massicot
Morellen Salt
Naples Yellow Light
" " Deep
" " Greenish
" " Reddish
Prussian Blue
Raw Sienna
" Umber
Roman Ochre
Silver White
Terre Verte
Vandyke Brown
Venetian Red
Yellow Ochre Light
" " Deep
Zinc Yellow
Zinnober Green, Pale
" " Light
" Yellow-Green
" Green, Deep
" Brilliant-Green

Per doz.....$1 00

Double Tubes, Flake, Cremnitz and Silver White .....per doz. $2 00
Quadruple" " " " " " ..... " " 4 00

CLASS II.

Cobalt Blue No. 1 Med.
" " " 2 Light
" Green Light
Cobalt Green Deep
Ultramarine Yellow or
(Lemon ")
Ultramarine Blue Light
" " Deep

Per doz.....$2 00

CLASS III.

Blue de Lumiere
Cobalt Blue No. 0 Deep
Madder Brown
" Lake No. 1 Light
" " " 2 Rose
Madder Lake No. 3 Deep Rose
" " " 4 Pink

Per doz.....$2 50

CLASS IV.

Cadmium No. 1 Citron
" " 2 Light
Cadmium No. 3 Medium
" " 4 Deep
Cadmium No. 5 Orange
Vert Emeraude

Per doz.....$3 50

CLASS V.

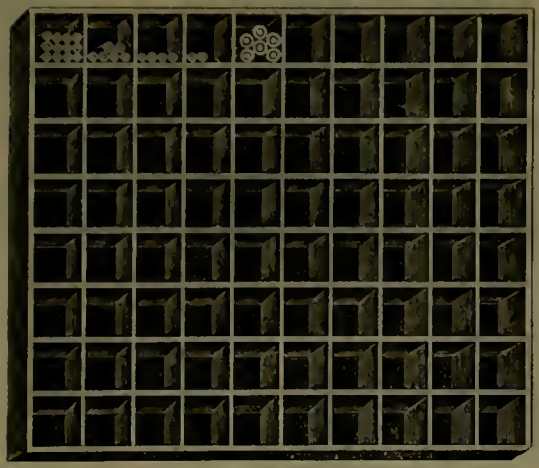
Madder Lake No. 6 Deep.....per doz. $4 00

ROBERSON'S MEDIUM.

Small Tubes.....per doz. $2 20
Large " ..... " " 5 00

TUBE RACKS.

FOR HOLDING STOCK OF OIL COLORS, Etc.



40 Compartments, size 10½x24¼ ..... each $2 25
80 Compartments, size 20½x24¼ ..... " 3 75

TAPESTRY COLORS—Best French.

IN 1 OZ. BOTTLES.

No. 1	Chrome Yellow, Light	No. 11	Saturn Red	No. 21	Vegetable Green
2	Golden Yellow	12	Vermilion	22	Emeraude "
3	Cadmium Yellow	13	Rose Madder	23	Grass "
4	Italian Earth	14	Violet Blue	24	Olive "
5	Raw Sienna	15	Violet Purple	25	Prussian "
6	Burnt Sienna	16	Turquoise Blue	26	Crimson Lake
7	Raw Umber	17	Cobalt Blue	27	Sepia
8	Cassel Earth	18	Ultramarine Blue	28	Paynes Grey
9	Red Brown	19	Prussian Blue	29	Ivory Black
10	Vandyke Brown	20	Indigo	30	Carmine

All colors except Carmine ..... per dozen $2 40
Carmine ..... " 4 80
No. 150 Boxes containing 12 bottles of colors ..... each 2 40
151 " " 20 " " including Carmine ..... " 4 00
152 " " 30 " " " " ..... " 6 00

TAPESTRY CANVAS.

No. 15	Gobelin's fine,	83 inches wide	per yard $6 00	per square ft.	$.27
15	" "	124 " "	" 9 00	" "	.38
15B	" "	unbl'ched, 124 inches wide	" 6 00	" "	.27

WINSOR & NEWTON'S FINELY PREPARED WATER COLORS

IN TUBES, WHOLE AND HALF CAKES AND PANS.

Antwerp Blue	Chrome Orange	New Blue
Bistre	*Dragon's Blood	Olive Green
Blue Black	Emerald Green	Payne's Grey
*British Ink	*Flake White	Prussian Blue
*Bronze	Gamboge	Prussian Green
Brown Pink	Hooker's Green, No. 1	Raw Sienna
Brown Ochre	Hooker's Green, No. 2	Raw Umber
Burnt Umber	Indigo	Roman Ochre
Burnt Sienna	Indian Red	Sap Green
†Charcoal Grey	Italian Pink	Terra Verte
Chinese White	Ivory Black	Venetian Red
Cologne Earth	*King's Yellow	Vandyke Brown
*Constant White	Lamp Black	Vermilion
Chrome Lemon	Light Red	Yellow Lake
Chrome Yellow	Naples Yellow	Yellow Ochre
Chrome Deep	Neutral Tint	

Whole Cakes, Pans or Tubes ....per dozen, $3 00
Half Cakes or Pans..... ... " " 1 65

Alizarin Crimson	†Leitch's Blue	Roman Sepia
*Black Lead	Mars Yellow	Scarlet Lake
Brown Madder	Neutral Orange	Sepia
Carmine Lake	Orange Vermilion	Scarlet Madder
Cerulean Blue	Purple Lake	Scarlet Vermilion
Crimson Lake	Ruben's Madder	Warm Sepia

Whole Cakes, Pans or Tubes..... .....per dozen, $6 00
Half Cakes or Pans..... " " 3 00

Cobalt Blue	Indian Purple	Mars Orange
Cadmium Yellow, pale	Intense Blue	Oxide of Chromium
Cadmium Yellow	Indian Yellow	Pure Scarlet
Cadmium Orange	Lemon Yellow	Viridian
French Blue		Violet Carmine

Whole Cakes, Pans or Tubes.....per dozen, $7 50
Half Cakes or Pans..... " " 3 75

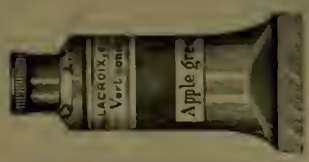
Aureolin	*Gallstone	Primrose Aureolin
Aurora Yellow	Madder Carmine	Rose Madder
Burnt Carmine	Purple Madder	Yellow Carmine or (Gallstone)
Carmine	Pink Madder	
Field's Orange Vermilion		

Whole Cakes, Pans or Tubes.....per dozen, $12 75
Half Cakes or Pans..... " " 6 38

Smalt — Ultramarine Ash

Whole Cakes, Pans or Tubes..... ...per dozen, $18 00
Half Cakes or Pans..... " " 9 00

* Made only in Cake Form.
† Made only in Moist Form.



LACROIX'S VITRIFIABLE COLORS—In Tubes.

FOR PAINTING ON CHINA, PORCELAIN AND TILES.

BLACKS.

	Per tube
Ivory Black	18
Ravens "	22

BLUES.

Blue, No. 29	18
Common Blue	18
Dark "	18
Deep "	22
Deep Ultramarine	30
Delft Blue	25
Light Sky Blue	22
Old Blue	18
Sky Blue	22
Two Fire Blue	22
Victoria Blue	18

BROWNS.

Black Brown	22
Brown No. 3	22
" M. or 108	22
" 4 or 17	22
Chestnut Brown	22
Dark "	22
Deep Red "	22
Gillyflower"	22
Light "	22
Otter "	22
Sepia "	22
Vandyke "	22
Yellow "	22

GREENS.

Apple Green	18
Brown " No. 6	22
Bronze "	30
Chrome " No. 3 B	22
Dark " No. 7	22
Deep Blue Green	30
" Chrome "	22
" Green	22
Duck "	25
Emerald Stone Green	22
Green, No. 36 T	22
Grass Green, No. 5	22
Moss " V.	22
" " J yellowish	22

GREENS—Cont.

	Per tube
Night Green	30
Olive "	22
Sap "	22

GREYS.

Grey No. 1	22
" No. 2	22
Neutral Grey	22
Pearl "	22
Platina "	1.75
Warm "	22

REDS.

Bengal Rose	22
Bright Red	25
Capucine Red	22
Carmine, No. 2	25
Carnation, No. 1	22
" No. 2	22
" Deep	22
Crimson Lake	37
Deep Carmine, No. 3	30
Laky Red	25
Light Carmine, A	22
" " No. 1	22
Orange Red	25
Japan Rose	30

PURPLES.

Crimson Purple	65
Deep "	55
Purple, No. 2	45
Ruby Purple	75

VIOLETS.

Deep Violet of Gold	45
Grey " Iron	22
Light " Gold	37
Violet of Iron	22

WHITES.

Chinese White	22
Permanent "	18

YELLOWS.

Dark Ochre	22
Ivory Yellow	22
Jonquil "	18
Orange "	18

YELLOWS—Cont.

	Per tube
Permanent Yellow	18
Silver Yellow	18
Yellow for mixing	18
" Ochre	22

FLUX.

Flux	18

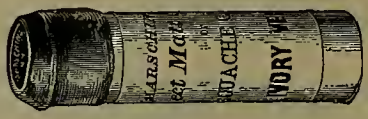
RELIEF.

Relief, for Gold	18

FOR GROUNDING.

The following colors will not bear mixing.

Celestial Blue	25
Indian "	30
Lavender "	18
Marine "	30
Turquoise "	30
Carmelite	18
Celadon	22
Chamois Brown	18
Light Coffee	18
Reddish Brown	22
Chrome Water Green	18
Copper " "	18
Grounding "	22
Turquoise "	30
Steel Grey	22
Turtle Dove Grey	22
Chinese Yellow	18
Isabella	18
Fusible Lilac	22
Maize	22
Mauve	37
Coral Red	18
Rose Pompadour	37
Salmon	22
Gold Bud	22
Very Fusible Rose	22



MARSCHING'S MATT OPAQUE OR GOUACHE COLORS,

—FOR—

Royal Worcester Decoration and Bronze Effects on China, Earthenware and Glass

IN QUARTER OUNCE VIALS.

	PER VIAL.
Ivory for grounds No. 1	$0 20
" " " No. 2	20
Ivory Vellum for grounds	20
Old Ivory	20
" " No. 2	20
Light Yellow	20
Medium "	20
Deep "	20
Lemon "	20
Egg "	20
Golden "	20
Fawn "	20
Golden Buff	20
Orange	20
Light Green	20
Dark "	20
Dover "	20
Chrome "	20
Minton "	20
Russian "	20
Water "	20
Emerald Green	20
Florentine Green	20
Yellow " No. 1	20
" " No. 2	20
Light Yellow Green No. 3	20
Dark " " No. 4	20
Grass " No. 1	20
" " No. 2	20
Light Bronze Green	20
Medium " "	20
Dark " " No. 1	20
" " " No. 2	20
Light Olive Bronze Green	20
Dark " " "	20
Light Blue Green	20
Dark " "	20
Celeste	20
Celeste No. 2	20
Celadon	20
Light Turquoise	20
Light Turquoise Blue	20
Dark " "	20
Robins Egg "	20
Celestial Blue	20
Light "	20
Deep "	20
Dark "	20
Ultramarine Blue	20
Violet "	20

	PER VIAL.
Sevres Blue, very rich	$0 25
Paris " " "	25
Marone	75
Purple	50
Ruby Purple	50
Violet	50
Lavender	30
" No. 2	20
Pink	20
" No. 4	20
" No. 5	20
" No. 6	20
Rose Pink	20
Blush	20
Best Red	20
Brick "	20
Flesh "	20
Coral "	20
Pompadour Red	20
Pompadour Red No. 2	20
Cardinal "	20
Salmon	20
Terra Cotta	20
Light Brown	20
" " No. 2	20
Dark "	20
Red "	20
Paris "	20
Sepia "	20
Golden "	20
French "	20
Olive Brown	20
Brunswick Brown	20
Chocolate "	20
" " No. 2	20
Yellow " No. 1	20
" " No. 2	20
Bronze " No. 1	20
" " No. 2	20
Light Bronze Brown	20
Dark " "	20
Red " "	20
Soft Grey	20
Blue "	20
Black	20
" No. 2	20
White	20
" No. 2	20
" No. 3	20
Flux	20

Frackelton's Gouache or Matt Opaque Colors

—FOR—

Royal Worcester Decoration and Bronze Effects

—ON—

China Faience or Earthen Ware.

IN QUARTER OUNCE VIALS.

Ivory Yellow	.20	Violet	.50
Light Yellow	.20	Royal Purple	.50
Yellow	.20	Pansy Purple	.50
Light Fire Yellow	.20	Lavender	.30
Marigold Yellow	.50	Best Red	.20
Willow Green	.30	Flesh Red	.20
Yellow Green	.20	Pompadour Red	.20
Deep Sea Water Green	.30	Terra Cotta	.20
Sea Water Green	.20	Golden Brown	.20
Bronze Green	.20	Paris Brown	.20
Olive Green	.20	Red Brown	.20
Turquoise Green	.20	Chestnut Brown	.20
Turquoise Blue	.20	Bronze Brown	.20
True Blue	.30	Black	.20
Paris Blue	.25	White	.20
Deep Pink	.30	Dark Grey	.20
Peach Blossom Pink	.20	Pearl Grey	.20
Conch Shell Pink	.20	Flux	.20

SUNDRIES FOR CHINA PAINTING.

Liquid Ceramic Eraser	per bottle	$ .50
Hancock's English Pink	"	.35
" Paste for Raised Gold	"	.25
Paste for Raised Gold	"	.20
Mueller & Hennig's Relief white	per tube	.25
Royal Worcester Cream	per bottle	.25
Royal Worcester Ivory Finish, Frackelton's	"	1. 50
" " " "	"	1.00
Gilding Pens	per doz	.60
Pencils for Tracing on China	"	1.20
Enamel White	per bottle	.25

GOLD FOR CHINA PAINTING.

Roman Gold, Cooley's	per box	$1.00
Green " "	"	1.00
Yellow " Frackelton's	"	1.15
Hard " Osgood's	"	1.00
Liquid Bright Gold	"	.75
Brown Gold, Chemically pure (unfluxed)	per dwt	2.00
Best Prepared Burnish Gold, No. 1	"	1.75
Prepared Burnish Gold, No. 2	"	1.50
" " " " 3	"	1.20
Unfluxed Gold, 2d quality	"	1.75
Genuine Gold Bronze, No. 9, Red	"	1.25
" " " " 10, Green	"	1.25
" " " " 1	"	1.25
Burnish Gold Grey	"	1.50

OIL, ETC., FOR CHINA PAINTING—In ½oz. Bottles.

Fat Oil Turpentine	per doz	$1.50	Tinting Oil	per doz	$4.00
Oil of Tar	"	1.00	Grounding Oil	"	3.00
" Cloves	"	3.00	Dresden Thick Oil	"	4.00
" Lavender	"	3.00	Balsam of Fir	"	1 80
Rectified Turpentine	"	1.00	Tar Paste	"	4.00
Balsam Copaiva	"	2.00			

THE STUDIO CHINA KILN.

For firing Decorated China, with natural. illuminating or manufactured gas or gasoline. Manufactured by F.A.Wilke. Guaranteed to fire China successfully and without any discoloration from fuel used. No matter how poor the gas or how low the pressure, success guaranteed. Not a toy, but a practical Kiln. Three thousand testimonials. Has done more to revive interest in China painting than any device ever presented to China decorators. Simple, economical, efficient. Made in six sizes, viz:

	DIAM.	HEIGHT.	WEIGHT.	PRICE.	
No. 1	10x12	Firing Pot.....	100 lbs	$ 20 00	These are the factory prices, and freight to S. F. is extra. It amounts to about 25%
No. 2	12x14	Firing Pot	200 lbs.....	25 00	
No. 3	14x18	Firing Pot.....	300 lbs.....	35 00	
No. 4	15x19	Firing Pot.....	400 lbs	45 00	
No. 5	18x20	Firing Pot.....	500 lbs.....	75 00	
No. 6	26x20	Firing Pot.....	800 lbs	125 00	

The popular sizes, Nos. 3 and 4 carried in stock. Other sizes furnished at short notice.

A ¾-inch Supply Pipe, a ¾-inch Valve, and a 5-light Meter is ample for any of the above sizes excepting No. 6.

Kiln equipped for burning gasoline at an advance on above prices of $5 00. This apparatus can be attached to any of our Gas Kilns.

NEAL'S ENAMEL PAINTS.

IN QUARTER POUND CANS

Cream	Emerald Green	Royal Blue
Cardinal Red	Lilac	Snow White
Dense Black	Maroon	Sea Green
Dandelion	Orange Yellow	Terra Cotta
Dove Color	Peacock Blue	Wild Rose
	Primrose	

Per dozen Cans.....$3 00
Snow White in 1 lb. cans.....per dozen, $9 00

BLUNDELL'S SUPERIOR ENAMELS.

PUT UP IN HALF POUND CANS WHICH CAN BE OPENED WITHOUT CUTTING

We carry the following tints in stock:

No. 1 White	No. 24 Buff	No. 40 Pea Green
" 2 Terra Cotta	" 25 Turquoise	" 41 Smoke
" 4 Light Blue	" 26 Hedge Sparrow egg tint	" 43 Pale Yellow
" 7 Canary	" 28 Old Gold	" 45 Electric Blue
" 14 Black	" 30 Light Orange	" 47 French Grey
" 16 Ivory	" 36 Japanese Green	" 51 Cardinal
" 18 Silver Grey	" 37 Heliotrope	" 52 Primrose
" 19 Blundell's Red	" 38 Maroon	" 53 Lilac
" 23 Pale Coral		" 54 Eau de Nil

Per dozen Cans.....$4 00
White in pound Cans.....per dozen, 7 00

BLUNDELL'S BATH TUB ENAMEL.

Specially prepared for coating bathtubs so as to give them the appearance of porcelain. In two pound cans which is quantity required for an ordinary size bathtub.

White.....per can, $1 67
Eau de Nil..... " " 1 67

NOTE—An ordinary bristle varnish brush is used for applying above colors.

SUPERFINE ARTISTS' BRISTLE BRUSHES—Round or Flat—Black Handles.

No. 00	per doz	$.60	No. 3	per doz	$.75
0	"	.60	4	"	.81
1	"	.60	5	"	.90
2	"	.66	6	"	1.00

Assorted 1 to 6 ..... per dozen $.78

SUPERFINE "BRIGHTS" BRISTLE BRUSHES.—Black Handles.

Short hair. For shape of brush see cut of W. & N. Brights Bristles, page 17.

No. 1	per dozen	$.60	No. 4	per doz	$.81
2	"	.66	5	"	.90
3	"	.75	6	"	1.00

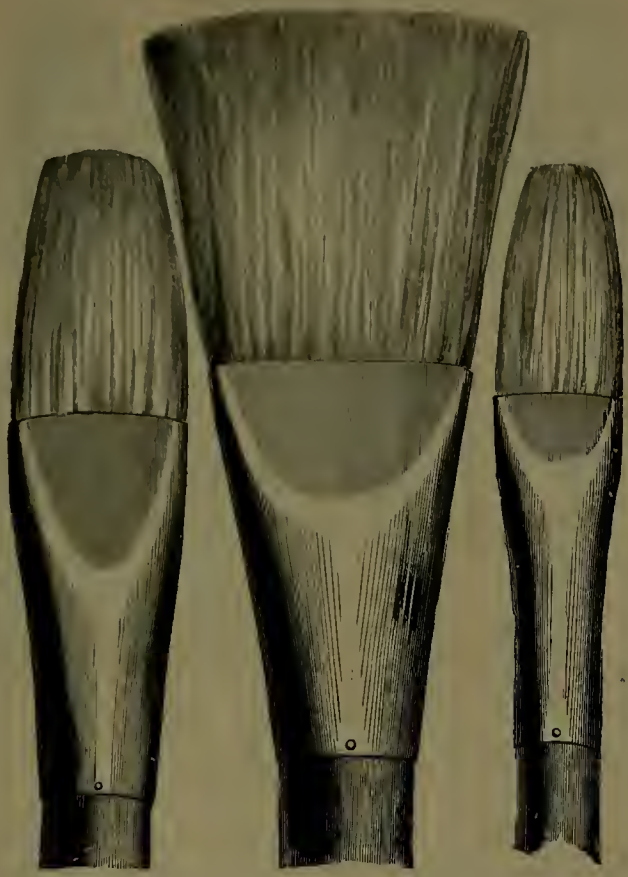
Assorted 1 to 6 ..... per dozen $.78

SUPERFINE "LANDSEER" BRISTLES.—Black Handles

Thin long hair. For shape, see cut of W. & N's. Landseer Brush, page 17.

No. 1	per doz	$.60	No. 4	per doz	$.81
2	"	.66	5	"	.90
3	"	.75	6	"	1.00

Assorted 1 to 6 ..... $.78



BRISTLE BRUSHES—FLAT, LONG CEDAR HANDLES.

¾ inch	per doz.	$1 35	1¼ inch	per doz.	$2 52
⅞ "	"	1 62	1⅜ "	"	2 88
1 "	"	1 98	1½ "	"	3 24
1⅛ "	"	2 25	1¾ "	"	3 60

EXTRA LARGE ARTISTS' ROUND BRISTLE BRUSHES.

14	per doz.	$1 50	22	per doz.	$2 70
16	"	1 62	24	"	3 00
18	"	2 04	26	"	3 30
20	"	2 40			

GERMAN BRISTLE BRUSHES—White Handles.

These brushes are made with less hair than the regular style bristle brush and are very popular with *professional artists.*

No. 1	per doz	$.45		No. 6	per doz	$ .81
" 2	"	.45		" 7	"	.99
" 3	"	.54		" 8	"	1.13
" 4	"	.63		" 9	"	1.50
" 5	"	.72		Assorted, 1 to 9	"	.80

GERMAN "BRIGHTS" BRISTLE BRUSHES.

Same style as above, with hair about half the length represented in cut.

No. 1	per doz	$.45		No. 6	per doz	$ .81
" 2	"	.45		" 7	"	.99
" 3	"	.54		" 8	"	1.13
" 4	"	.63		" 9	"	1.50
" 5	"	.72		Assorted, 1 to 9	"	.80

SUPERFINE BRISTLE "FRESCO" BRUSHES.—Round or Flat.

No. 1

No. 1

No. 1	per doz	$.66		No. 4	per doz	$1.05
" 2	"	.75		" 5	"	1.20
" 3	"	90		" 6	"	1.44

Same sizes as Superfine Bristles page 12.

2 4 6 8 10 12 14 18

FRENCH BRISTLE BRUSHES—White Handles, Tin Ferrules.

These brushes are made thinner than the "Superfine Bristle Brushes" and thicker than the "German". We can recommend them as a good article.

No. 1	per doz	$.57	No. 10	per doz	$ .96
" 2	"	60	" 11	"	1.02
" 3	"	.63	" 12	"	1.14
" 4	"	.66	" 14	"	1.38
" 5	"	.72	" 16	"	1.80
" 6	"	.75	" 18	"	2.40
" 7	"	.81	" 20	"	3.00
" 8	"	.84	" 22	"	3.60
" 9	"	.90	" 24	"	4 60

Assorted 1 to 6 ..... per doz $.66
" 1 to 12 ..... " .80

FRENCH BRIGHTS BRISTLES.

Same numbers, sizes and prices as French Bristle Brushes above.

WINSOR & NEWTON'S BRISTLE BRUSHES.

EXTRA FINE QUALITY.

For Prices see next page.

WINSOR & NEWTON'S BRISTLE BRUSHES.

For sizes see cuts on previous page.

No. 0	per doz. $1.35	No. 7	per doz. $2.07
" 1	" 1.44	" 8	" 2.48
" 2	" 1.53	" 9	" 2.93
" 3	" 1.62	" 10	" 3.30
" 4	" 1.71	" 11	" 3.60
" 5	" 1.80	" 12	" 4.13
" 6	" 1.89	Assorted, 1 to 6	" 1.62

WINSOR & NEWTON'S "BRIGHTS" BRISTLE BRUSHES.

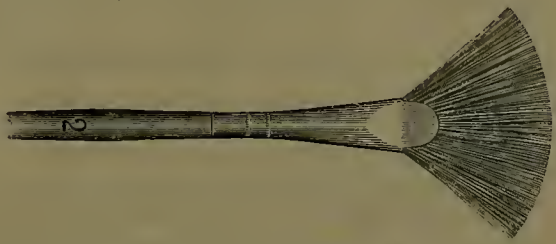
No. 1	per doz. $1.35	No. 4	per doz. $1.62
" 2	" 1.44	" 5	" 1.71
" 3	" 1.53	" 6	" 1.80

WINSOR & NEWTON'S "LANDSEER" BRISTLE BRUSHES.

No. 1	per doz. $1.35	No. 4	per doz. $1.62
" 2	" 1.44	" 5	" 1.70
" 3	" 1.53	" 6	" 1.81

WINSOR & NEWTON'S SPECIAL BRUSHES—Various Shapes, Made of Extra Fine Hogs Hair.

Assorted from 1 to 6 ..... per doz. $3.00



BRISTLE "FAN" BRUSHES.

For Light Glazing, Softening, Scumbling, Hair and Foliage Painting.

Winsor & Newton.		American.	
No. 1	per doz. $3.60	No. 1	per doz. $1.35
" 2	" 3.60	" 2	" 1.50
" 3	" 3.60	" 3	" 1.62
" 4	" 4.80	" 4	" 1.80
" 5	" 4.80	" 5	" 1.98
" 6	" 4.80	" 6	" 2.16

RED SABLE BRUSHES, ORDINARY.—Flat or Round.

Polished Handles. Nickel Plated Ferrules. A Good Article.

No. 1	per doz.	$ 68	No. 7	per doz.	$1 28
" 2	"	75	" 8	"	1 44
" 3	"	81	" 9	"	1 62
" 4	"	90	" 10	"	1 80
" 5	"	1 00	" 11	"	2 07
" 6	"	1 13	" 12	"	2 40

Assorted 1 to 12 ..... per dozen, $1 32

RED SABLE BRUSHES, SUPERFINE.—Flat or Round.

Polished Handels. Nickel Plated Ferrules. A First-class Brush.

No. 1	per doz.	$ 72	No. 9	per doz.	$2 10
" 2	"	81	" 10	"	2 43
" 3	"	90	" 11	"	2 85
" 4	"	1 00	" 12	"	3 50
" 5	"	1 17	" 14	"	5 40
" 6	"	1 35	" 16	"	7 56
" 7	"	1 50	" 18	"	8 64
" 8	"	1 80	" 20	"	9 72

Assorted 1 to 12 ..... per dozen, $1 68

RED SABLE BRUSHES, EXTRA SUPERFINE.—Flat or Round.

Polished Handles. Nickel Plated Ferrules. An extra fine article made of selected hair by the most experienced workmen.

No. 1	per doz.	$ 81	No. 7	per doz.	$2 34
" 2	"	1 00	" 8	"	2 70
" 3	"	1 08	" 9	"	3 15
" 4	"	1 26	" 10	"	3 75
" 5	"	1 62	" 11	"	4 35
" 6	"	1 80	" 12	"	5 18

Assorted 1 to 12 ..... per doz. $2 40

WINSOR & NEWTON'S RED SABLE BRUSHES.
For Oil Colors.

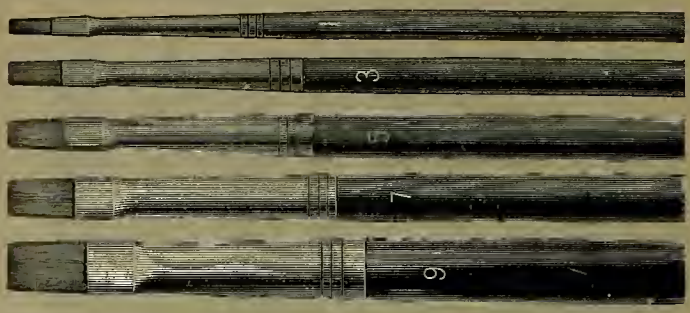
No. 0,	Round or Flat	per doz.	$2.40	No. 10,	Flat	per doz.	$17.10
" 1,	" "	"	2.40	" 11,	"	"	20.70
" 2,	" "	"	3 00	" 12,	"	"	24.70
" 3,	" "	"	3.60	" 7,	Round	"	10.80
" 4,	" "	"	4.50	" 8,	"	"	13.50
" 5,	" "	"	5.40	" 9,	"	"	17.10
" 6,	" "	"	6.30	" 10,	"	"	20.70
" 7,	Flat	"	8.10	" 11,	"	"	24.00
" 8,	"	"	10.80	" 12,	"	"	27.00
" 9,	"	"	13.50				

WINSOR & NEWTON'S RED SABLE RIGGERS.

No. 00, 0, 1	per doz.	$2.40	No. 4	per doz.	$4.50
" 2	"	3.00	" 5	"	5.40
" 3	"	3.60	" 6	"	6.30

RED SABLE RIGGERS.

No. 0 and 1	per doz.	$ .81	No. 7	per doz.	$1.80
" 2	"	.90	" 8	"	2.10
" 3	"	1.00	" 9	"	2.52
" 4	"	1.08	" 10	"	3.00
" 5	"	1.25	" 11	"	3.75
" 6	"	1.50	" 12	"	4.50



"BRIGHTS" RED SABLE BRUSHES.

No.	1	per doz	$ .75	No.	7	per doz	$2.25
"	2	"	.90	"	8	"	2.55
"	3	"	1.08	"	9	"	2.88
"	4	"	1.35	"	10	"	3.23
"	5	"	1.62	"	11	"	4.50
"	6	"	1.88	"	12	"	6.00

"BRIGHTS" RED SABLE BRUSHES.—Extra Superfine.

No.	1	per doz	$ .83	No.	7	per doz	$3.24
"	2	"	1.02	"	8	"	3.75
"	3	"	1.44	"	9	"	3.96
"	4	"	1 88	"	10	"	6.48
"	5	"	2.25	"	12	"	7.88
"	6	"	2.88	"	14	"	11.25

WINSOR & NEWTON'S "BRIGHTS" RED SABLE BRUSHES.

Same in size (in regard to width) as W. & N. Sables on previous page.

No.	1	per doz	$2.40	No.	7	per doz	$ 8.10
"	2	"	3.00	"	8	"	10.80
"	3	"	3.60	"	9	"	13.50
"	4	"	4.50	"	10	"	17.10
"	5	"	5.40	"	11	"	20.70
"	6	"	6.30	"	12	"	24.70

RED SABLE "FAN" BRUSHES.

For shape see cut page 17.

American.

No.	1	per doz	$4.50
"	2	"	5.40
"	3	"	7.20
"	4	"	8.64
"	5	"	10.80
"	6	"	12.72

Winsor & Newton's.

No.	1	per doz.
"	2	
"	3	$9.00
"	4	per doz.
"	5	
"	6	$12.00

FITCH BRUSHES—FLAT OR ROUND.

Sometimes called Russian Sables.

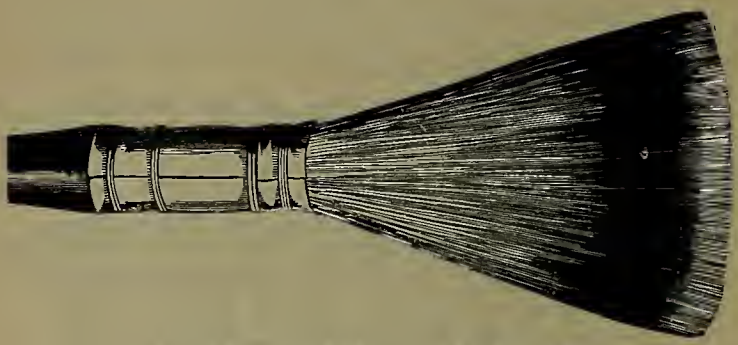
No. 1	per doz.	$ .60	No. 7	per doz.	$ .90
" 2	"	.68	" 8	"	.90
" 3	"	.72	" 9	"	1.00
" 4	"	.75	" 10	"	1.13
" 5	"	.78	" 11	"	1.20
" 6	"	.84	" 12	"	1.28

Assorted, 1 to 12 ..... per doz $.90

"BRIGHTS" FITCH BRUSHES.

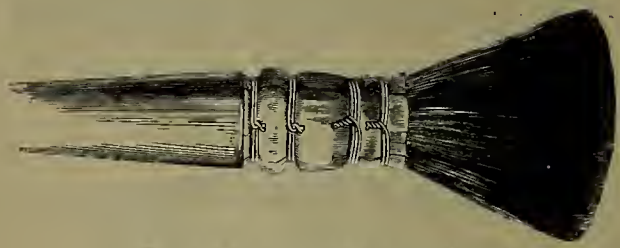
For sizes and style see cut of Brights Red Sables, page 20.

No. 1	per doz.	$ .72	No. 9	per doz.	$1.80
" 2	"	.81	" 10, width ⅜ inch.	"	2.25
" 3	"	.90	" 12, " ½ "	"	2.63
" 4	"	1.00	" 15, " ⅝ "	"	3.00
" 5	"	1.08	" 18, " ⅞ "	"	3.60
" 6	"	1.20	" 20, " 1 "	"	4.50
" 7	"	1.35	Assorted, 1 to 9	"	1.17
" 8	"	1.62			



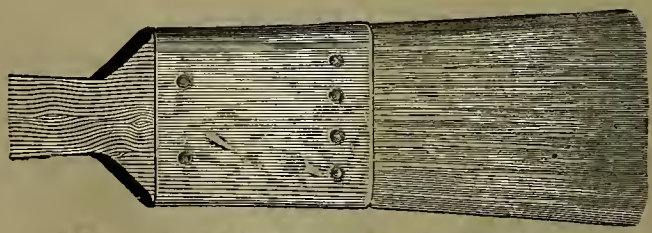
BADGER BLENDERS—POLISHED HANDLES.

1	per doz.	$1.58	7	per doz.	$5.63
2	"	2.02	8	"	6.75
3	"	2.70	9	"	7.88
4	"	3.38	10	"	9.00
5	"	4 05	11	"	10.13
6	"	4.75	12	"	11.25



CAMEL HAIR BLENDERS OR DUSTERS.

1	per doz.	$2.25	7	per doz.	$9.00
2	"	2.70	8	"	11.25
3	"	3.38	9	"	13.50
4	"	4.05	10	"	15.75
5	"	5.07	11	"	18.00
6	"	7.00	12	"	20.25



CHISEL FLAT BRISTLE VARNISH BRUSHES.—Superfine.
For Varnishing Chromos, Etc.

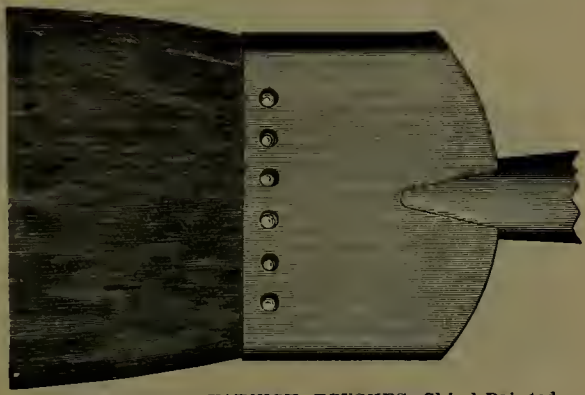
1 inch	per doz.	$1.62	2½ inch	per doz.	$5.76
1½ "	"	2.70	3 "	"	8.10
2 "	"	4.32			

FRENCH CAMEL HAIR VARNISH BRUSHES.

1 inch	per doz.	$3.00	2½ inch	per doz.	$10.50
1½ "	"	4.50	3 "	"	13.50
2 "	"	7.50	3½ "	"	16.50

ENGLISH CAMEL HAIR VARNISH OR COPYING BRUSHES.

½ inch	per doz.	$1.08	2 inch	per doz.	$3.00
¾ "	"	1 26	2½ "	"	3.75
1 "	"	1.50	3 "	"	4.50
1½ "	"	2.25	3½ "	"	5.25



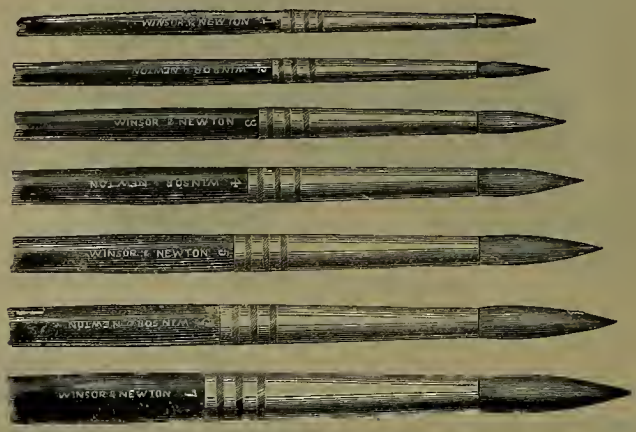
FITCH FLOWING VARNISH BRUSHES—Chisel Pointed.

1, 1½, 2, 2½ and 3 inch, single thick ..... per inch, .21
1, 1½, 2, 2½ and 3 inch, double thick ..... " .36

BRISTLE FLOWING VARNISH BRUSHES—Chisel Pointed—Extra Superfine.

1	1½	2	2½	3	inch
$2.70	3.96	5.56	7.38	10.08	per doz.

BRUSHES FOR PAINTING IN WATER COLORS.



WINSOR & NEWTON'S RED SABLES FOR WATER COLORS

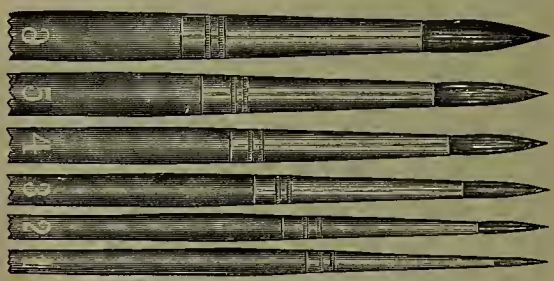
First quality in Albata Ferrules. Round or flat.

No. 00	per doz.	$4.20	No. 4	per doz.	$7.80
" 0	"	4.20	" 5	"	9.60
" 1	"	4.20	" 6	"	11.70
" 2	"	5.10	" 7	"	14.40
" 3	"	6.30			

WINSOR & NEWTON'S RED SABLES FOR WATER COLORS.

Second Quality, in Tin Ferrules—Round.

No. 0	per doz.	$2 40	No. 4	per doz.	$4.50
" 1	"	2.40	" 5	"	5.40
" 2	"	3.00	" 6	"	6.30
" 3	"	3 60			



AMERICAN RED SABLES—Round.

In Albata Ferrules.

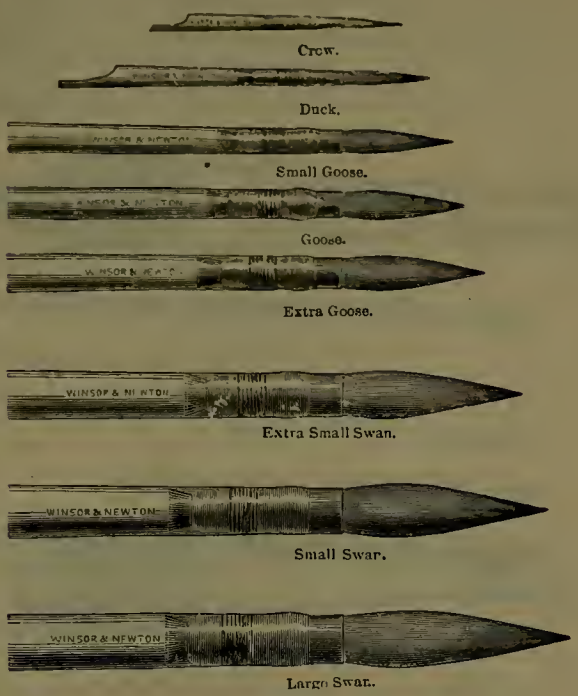
No. 00	per doz.	$1.35	No. 3	per doz.	$2.40
" 0	"	1.35	" 4	"	3.30
" 1	"	1.35	" 5	"	4.50
" 2	"	1.80	" 6	"	6.00

RED SABLES IN QUILLS.

No. 1	per doz.	$1.20	No. 5	per doz	$4.50
" 2	"	1.80	" 6	"	6.00
" 3	"	2.40	" 7	"	8.10
" 4	"	3.30	" 8	"	9.90

Assorted 1 to 8. per dozen, $4.65.

For sizes and style see cut of C. H. brushes in quills, page 27.



WINSOR & NEWTON'S RED SABLES IN QUILLS.

	Color of Silk	Per doz.
Crow Quills	Blue	$1.80
Duck "	Magenta	3.38
Small Goose Quills	Green	5.63
Goose Quills	Pink	6.75
Extra Goose Quills	Amber	9.00

	Color of Silk.	Each.
Extra Small Swan	Blue	$1.50
Small Swan	Magenta	1.88
Middle "	Green	2.63
Large "	Pink	3.38

CAMEL HAIR WASH BRUSHES IN QUILLS.—Extra Fine.

(For sizes see cuts of Red Sables above.)

No. 10.	Small Swan Quills. Magenta Silk and Silver Bound	per doz.	$2.40
" 12.	Swan Quills Green " " " "	"	5.40
" 14.	Eagle " Red " " " "	"	7.20

CAMEL HAIR BRUSHES IN TIN FERRULES, Round.

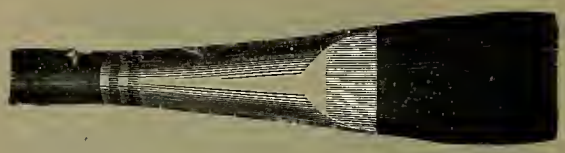
No. 1	per doz.	$ .45	No. 7	per doz.	$ .75
" 2	"	.48	" 8	"	.90
" 3	"	.54	" 9	"	1.13
" 4	"	.60	" 10	"	1.26
" 5	"	.66	" 11	"	1.44
" 6	"	.72	" 12	"	1.62

Assorted 1 to 6 ..... per doz. $.58

The above Brushes are made like Sable W. C. Brushes, represented on Page 24.

CAMEL HAIR SKY BRUSHES—Extra Fine.

No. 1	per doz.	$3.00	No. 4	per doz.	5.04
" 2	"	3.60	" 5	"	5.40
" 3	"	4.50	" 6	"	6.00



CAMEL HAIR LACQUERING BRUSHES—Flat.

⅜ inch	per doz.	$ .90	¾ inch	per doz.	$1.50
½ "	"	1.08	⅞ "	"	1.88
⅝ "	"	1.17	1 "	"	2.25

CAMEL HAIR LACQUERING BRUSHES—Round.

No. 1	per doz.	$ .90	No. 4	per doz.	$1.35
" 2	"	1.05	" 5	"	1.50
" 3	"	1.20	" 6	"	1.88

CAMEL HAIR BRUSHES—In Quills.

Common Rose, assorted 1 to 8	per gross	$2.40
Demi Fine Blue, assorted 1 to 8	"	3.60
Super-fine, bound with Blue silk and Silver, assorted 1 to 8	"	5.40
Super super fine, bound with Red silk and Silver, assorted 1 to 8	"	7.20

CAMEL HAIR LETTERING AND STRIPING PENCILS.

Stripers Superfine assorted from 1 to 8	per gross	$3.60
Stripers extra Superfine, red and green silk and silver	"	5.40
Letterers " assorted from 1 to 8	"	3.60
Letterers ass't'd from 1 to 8 extra Superfine, red and green silk and silver	"	5.40

BLACK AND RED SABLE LETTERING PENCILS—Extra Fine.

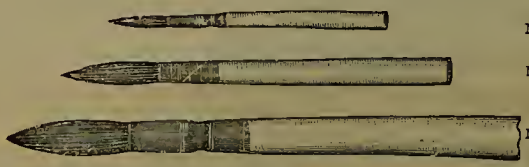
1	per doz.	$1.08	5	per doz.	$4.00
2	"	1.44	6	"	5.40
3	"	1.80	7	"	7.20
4	"	3.00	8	"	9.00

BLACK SABLE STRIPING PENCILS—Superfine.

1	per doz.	$1.08	4	per doz.	$2.40
2	"	1.44	6	"	4.50
3	"	1.80	8	"	6.75

We guarantee the quality of the Sable Lettering and Striping to be the best in the market.

BRUSHES FOR CHINA PAINTING.

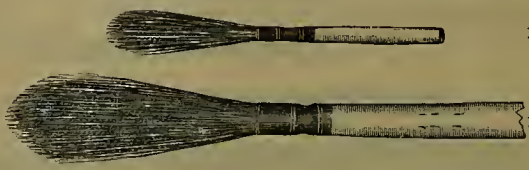


CAMEL HAIR POINTED SHADERS—In Quills.

No.	1	2	3	4	5	6	7	8	Assorted 1 to 8
Per doz.	$.36	.40	.48	.63	.81	1.00	1.13	1.26	.75

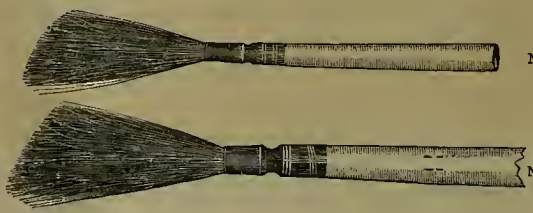
CAMEL HAIR SQUARE SHADERS—In Quills

No.	1	2	3	4	5	6	7	8	Assorted 1 to 8
Per doz.	$.36	.40	.48	.63	.81	1.00	1.13	1.26	.75



CAMEL HAIR TRACERS OR WRITERS, POINTED.

No.	1	2	3	4	5	6	7	8	Assorted 1 to 8
Per doz.	$.36	.42	.54	.66	.81	1.02	1.20	1.35	.81



CAMEL HAIR, CUT OR SIDE LINERS.

No.	1	2	3	4	5	6	7	8	Assorted 1 to 8
Per doz.	$.45	.54	.63	.72	.90	1.08	1.26	1.44	.87

CAMEL HAIR SQUARE LINERS.

No.	1	2	3	4	5	6	7	8	Assorted 1 to 8.
Per doz.	.36	.45	.54	.72	.90	1.08	1.26	1.44	.84

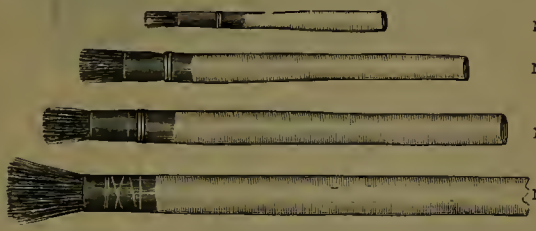
CAMEL HAIR STRIPERS.

Same as square liners with longer hair.

No.	1	2	3	4	5	6	7	8	Assorted 1 to 8.
Per doz.	.36	.45	.54	.72	.90	1.08	1.26	1.44	.84

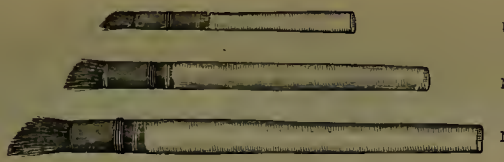
GROUNDING BRUSH.

Superfine Camel Hair in Goose Quill.....per doz. $1.20
Fitch Hair in Large Goose Quill ..... " 3.00



FITCH STIPPLERS.—In Quill. Square Points

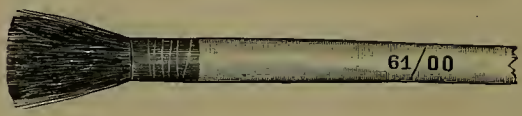
No.	1	2	3	4	5	6	7	8	Assorted 1 to 8
Per doz.	$.54	.68	.75	.84	1.02	1.20	1.44	1.63	1.02

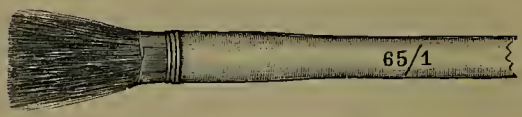


FITCH STIPPLERS—In Quills. Angular Points.

No.	1	2	3	4	5	6	7	8	Assorted 1 to 8
Per doz.	$.60	.72	.81	.90	1.08	1.26	1.50	1.80	1.08

BRUSHES FOR CHINA PAINTING—Continued.





FITCH STIPPLERS—Wire Bound.

No. 61/00 One Quill	per doz.	$2.40
" 65/1 Two Quills	"	3.00
" 66/2 Three " Diameter ⅜ inch	"	4.00

2 W.

6 W

FITCH STIPPLERS—Slanting Points.
Wood Handles.

No. 2 W	per doz.	$3.78	No. 8 W	per doz.	$10.26
" 4 W	"	5.40	" 10 W	"	12.96
" 6 W	"	7.56	" 12 W	"	15.66

FITCH STIPPLERS—Square Points.
Wood Handles.

No. 2 W	per doz.	$3.42	No. 8 W	per doz.	$ 9.90
" 4 W	"	5.04	" 10 W	"	12.60
" 6 W	"	7.20	" 12 W	"	15.30

GLASS BRUSHES.

For Scouring and Matting Gold.

No. 1 ½ inch thick by 8 inches long	each	$ .30
" 2 ¾ " " " " "	"	.60
" 3 1 " " " " "	"	.90

PREPARED CANVAS ON STRETCHERS.

No. 1 Smooth English Linen.

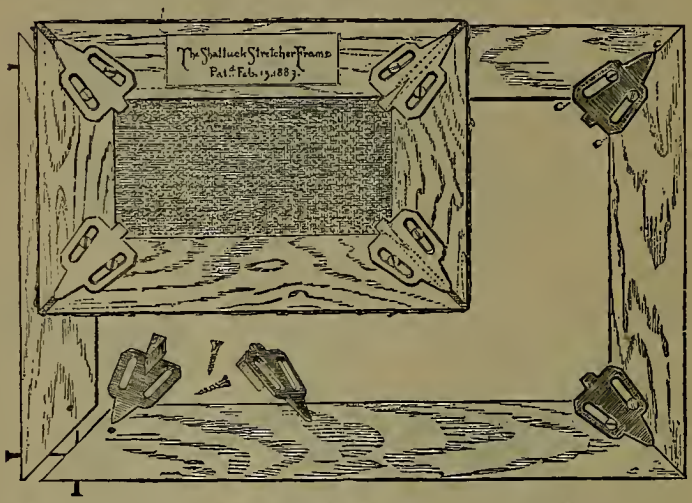
Size	With Canvas Each.	Size	With Canvas Each.	Size	With Canvas Each.	Size	With Canvas Each
8x10	.20	14x28	.64	20x24	.75	24x50	1.73
8x12	.24	14x30	.73	20x26	.77	25x30	1.00
8x16	.28	14x36	.83	20x28	.80	26x30	1.04
8x20	.35	14x40	.90	20x30	.87	26x34	1.12
10x12	.27	16x20	.53	20x32	.93	26x40	1.33
10x14	.28	16x22	.59	20x34	.96	26x44	1.47
10x16	.32	16x24	.60	20x36	1.00	26x50	1.60
10x18	.38	16x26	.70	20x40	1.18	26x54	2.00
10x20	.40	16x28	.72	20x44	1.30	26x60	2.13
10x24	.47	16x30	.80	20x48	1.40	28x34	1.27
12x14	.33	16x36	.90	20x60	2.00	28x36	1.33
12x16	.37	16x40	1.00	22x27	.88	28x40	1.47
12x18	.40	16x44	1.10	22x30	.91	28x44	1.60
12x20	.44	16x48	1.20	22x36	1.07	28x48	1.73
12x24	.50	18x22	.64	22x40	1.33	28x54	2.20
12x26	.58	18x24	.70	22x44	1.47	28x60	2.47
12x28	.62	18x26	.75	22x50	1.60	30x36	1.33
12x30	.64	18x28	.77	22x54	1.87	30x40	1.60
12x36	.78	18x30	.80	24x30	1.00	30x44	1.60
14x17	.43	18x36	1.00	24x36	1.13	30x50	2.00
14x20	.48	18x40	1.07	24x40	1.33	30x54	2.20
14x22	.53	18x44	1.20	24x44	1.53	30x60	2.47
14x24	.56	18x48	1.30	24x48	1.60	30x66	2.67
14x26	.61					30x72	3.33

Any size made to order.

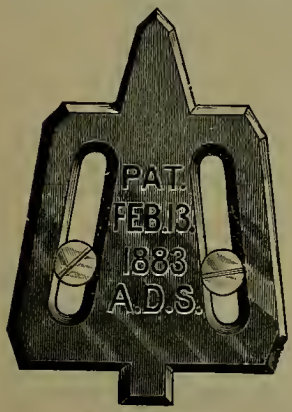
PFLEGER'S UNIVERSAL ARTISTS' CANVAS STRETCHERS.

6 to 12 in.,	per hundred	pieces	$2.67
13 " 18	"	"	3.33
19 " 24	"	"	4.00
25 " 30	"	"	4.67
31 " 36	"	"	5.33
37 " 42	"	"	6.67
43 " 48	"	"	8.00

A. D. SHATTUCK'S PATENT STRETCHER KEYS.



DESCRIPTION OF DRAWING—At the right hand upper corner is shown the proper adjustment where C C C are guiding points of contact. At the left lower corner is shown a joint separated, also keys in perspective. The right hand lower corner displays the device in operation.



No. 2, Full Size.

A. D. SHATTUCK'S PATENT STRETCHER KEYS.

No. 1	per doz. sets,	$1.12
" 2	" "	1.60
" 3	" "	2.08
" 4	" "	2.88

No. 1 is put up in 3 doz.; Nos 2 and 3, 1½ doz.; and No. 4, ¾ doz. sets in a box, with screws to match.

PINE MOULDING FOR STRETCHERS.

1½ inch	per 100 feet,	$1.50
2 "	" "	2.00
2½ "	" "	2.50
3 "	" "	3.00

Dealers by having a stock of the above goods and a mitre saw can readily make stretchers of any dimensions.

PREPARED CANVAS—In Rolls of 6 Yards

	No. 1 Smooth Eng. Linen	No. 1½ Smooth Eng. Linen, 2d Gde	Fo. 1A Twilled Eng. Linen	No. 2 Roman Eng. Lloen	No. 3 Twilled Sketching	No. 4 Plain Sketching.	No. 7 Single Prime.
26 inch	$4.15	$....	$....	$4.15	$....	$....	$....
27 "	4.30	3.95	5.50	4.30	3.50	2.67	....
30 "	4.67	4.15	6.30	4 67	3.75	2.95	2.67
36 "	5.33	4.95	7.25	5.33	4.15	3.50	3.00
42 "	6.40	5.87	9.60	6.40	...	....	....
45 "	8.00	....	....	8.00	....	....	....
54 "	11.00	...	14.00	11.00	....	....	....

WINSOR & NEWTON'S CANVAS—In Rolls of 6 Yards

WARRANTED GENUINE.

	Plain.	Roman.	Twilled.
27 inch	$6.00	$6.00	$7.70
30 "	6.55	6.55	8.30
36 "	7.70	7.70	9.67
42 "	9.10	9.10	12 00
45 "	11.15	11.15	13.60
54 "	14.40	14.40	16.80

RUSSELL'S CANVAS BOARDS.

Prepared Canvas on heavy Board.

Size.	Per doz.	Size.	Per doz.	Size.	Per doz
4x 6	$ .75	9x12	$2.75	12x20	$4.50
4x 8	1.00	9x13	2.75	12x22	4.75
6x 8	1.25	9x15	3.00	12x24	5.00
6x10	1.50	9x18	3.25	14x18	4.50
6x12	1.75	10x12	2.75	14x20	5.00
7x 9	1.50	10x14	3.00	14x22	5.50
7x11	1.75	10x16	3.25	14x24	6.00
8x10	2.00	10x18	3.50	16x20	6.00
8x12	2.25	10x20	3 75	16x22	6.50
8x14	2.50	12x14	3 25	16x24	7.00
8x16	2.75	12x16	3.50	18x22	7.50
9x11	2.50	12x18	4 00	18x24	8.00

ACADEMY BOARD—Smooth or Rough Surface.

6 x 9 ..... per doz. $ .40 12x18 ..... per doz $1.50
9x12 ..... " .80 18x24 ..... " 3.00
22x 27 Extra Heavy ..... per doz $6.40

OIL SKETCHING PAPER.

22x30, smooth or rough surface ..... per doz. $2.00

WINSOR & NEWTON'S OIL SKETCHING PAPER.

No. 1,	22x30,	Imitation of plain Canvas	per doz.	$3.38
" 2	"	"	single primed Canvas	"	3.38
" 3	"	"	Roman Canvas	"	3.38
" 4	"	"	Twilled "	"	3.38

JAPANNED TIN.

Size.			Black.	Maroon.
10x14,	Light, ordinary	per doz.	$ .80	$ ...
10x14,	" best	"	1.25	1.50
10x14,	Heavy "	"	2.00	2 25
14x20,	" "	"	5.00	6.00
18x24,	" "	"	7.75	8.00

EBONY PANELS—Dead Finish.

Bevel or Square Edge.

Size	Each	Size	Each	Size	Each
4 x 8	$ .24	8x12	$ .48	12x12	$ .60
5 x 8	.24	8x16	.48	12x16	68
5x10	.30	8x18	.60	12x20	.68
6 x 6	.24	8x20	.60	12x24	.80
6 x 9	.24	8x24	.60	12x28	1.00
6x10	.30	9x18	.60	14x14	.68
6x12	.30	10x10	.48	14x20	.80
6x14	.36	10x12	.48	14x24	1.00
6x16	.36	10x16	.60	14x30	1.35
6x18	.40	10x20	.60	14x36	1.80
7x14	.40	10x24	.68	16x16	.80
8 x 8	.40	10x26	.68	16x42	2.20

The above are rubbed-down finish, and first-class in every respect.

JAPANNED PANELS—Bright Surface.

Ebony or Maroon finish

Size	Each	Size	Each	Size	Each
4 x 8	$ .55	8x12	$ .65	12x12	$1.00
5x10	.55	8x14	.75	12x20	1.60
5x12	.55	8x16	.80	12x24	1.85
6x10	.55	8x18	.85	12x28	2.80
6x12	.65	8x20	.85	13x32	3.35
6x14	.65	9x18	.85	14x14	1.35
6x16	.65	9x20	.95	14x20	1.85
6x18	.75	10x10	.65	14x24	2.15
7x14	.65	10x20	1.20	14x29	3.00
7x15	.65	10x24	1.35	15x22	2.80
7½x18	.85	11x22	1.50	16x20	2.40

FLORENTINE PANELS. "A"

6 x 6.....	each.	$ .85	8x10.....	each,	$1.05	9x12.....	each,	$1.15
6 x 9.....	"	.90	8x12.....	"	1.05	10x10.....	"	1.15
6x12.....	"	1.00	8x16.....	"	1.35	10x14.....	"	1.35
8 x 8	"	1.00	8x18.....	"	1.40	12x12.....	"	1.35

Made of Academy Board, with a two-inch ornamented border (as shown in cut) gilded in either Composition Gold or White and Gold, each one put up in a box.

SILVER FLORENTINE PANELS.

Solid wood panel, covered with canvas. Ornamented silver and brown edge.

6 x 6.....	each,	$ .85	8 x10	each,	$1.05	9x12... ..	each	$1.15
6 x 9.....	"	.90	8 x12.....	"	1.05	10x10.....	"	1.15
6 x12.....	"	1.00	8 x16	"	1.35	10x14.....	"	1.35
8 x 8.....	"	1 00	8 x18... ..	"	1.40	10x20....	"	1.80
						12x12.....	"	$1.35

IVORY FLORENTINE PANELS.

Solid wood panels, with an ivory enamel finish over the entire surface. Ornamented edge.

6x6	each	$ .85	8x12	each	1.05	10x14	each $1.35
6x9	"	.90	8x16	"	1.35	10x20	" 1.80
6x12	"	1.00	8x20	"	1.65	12x12	" 1.35
7x14	"	1.15	9x12	"	1.15	12x16	" 1.65
8x8	"	1.00	10x10	"	1.15	12x20	" 1.95
8x10	"	1 05	10x12	"	1.20	12x24	" 2.25

76

80

EMBOSSED CELLULOID ART PANELS.

NO.		SIZE.	PER DOZEN.
1	Lilies	5⅞x6¾	$4.80
2	Rose Bud	6¼x8	6.00
3	Source of Nile	"	6.00
5	Palms	"	6.00
6	Peacock Feather	"	6.00
11	Morning Glories	"	6.00
76	Serenade	"	6.00
78	Child Picking Fruit	"	6.00
80	Bird's Nest	"	6.00
90	Monkey Design	"	6.00
91	Autumn	6¼x9⅜	6.00
92	Spring	"	6.00
93	Lace Edge Panel	5 x 6⅞	4.80
94	" "	3 x 5	3.60
95	" Fan	3⅛x5¼	3.60
98	Beveled Panel	6¼x8	4.80
100	Cupid's Archery	"	6.00

IVORINE CONCAVE PLAQUES.

5 inch diameter	per doz.	$3.60
6¼ " "	"	4.80
8 " "	"	8.00

IVORINE PALETTES—For Decorating.

5 inch square	per doz.	$ 2.70	5 inch oval	per doz.	$ 3.00
6 "	"	3.45	6 "	"	4.20
7 "	"	4.50	7 "	"	6.00
8 "	"	6.45	8 "	"	7.50
9 "	"	7.50	9 "	"	10.95
10 "	"	10.95	10 "	"	12.00

BRASS PLAQUES.

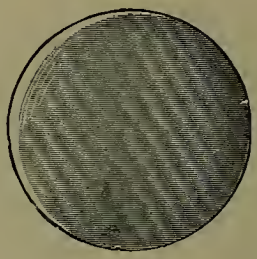
Dull center and highly burnished rim.

6 inch	per doz.	$ 2.40
8 "	"	3.24
10 "	"	4.32
12 "	"	5.40
14 "	"	8.10
16 "	"	11.70

SHEEPSKIN TAMBOURINES—For Decorating.

8 inch	per doz.	$5.63
10 "	"	6.75
12 "	"	7.50

ROUND PAPIER MACHE PLAQUES.



Size.		White.	Japanned.	Size.		White.	Japanned.
6 inch	per doz.	$1.80	$4.00	16 inch	per doz.	$ 7.20	$13.32
7 "	"	2.07	4.50	18 "	"	9.75	16.38
8½ "	"	2.70	5.10	20 "	"	15.00	22.32
10 "	"	3.15	6.60	22 "	"	18.00	26.10
12 "	"	4.13	8.46	24 "	"	21.00	30.00
14 "	"	5.55	11.16				

OBLONG PAPIER MACHE PLAQUES.

Size.		White.	Japanned.
5x8	per doz.	$3.38	$5.63
6x9	"	3.75	6.75
7x10½	"	4.80	8.40
8x12	"	5.63	10.13
9x13½	"	7.65	12.60
10x15	"	9.90	15.00

OVAL PAPIER MACHE PLAQUES

Size.		White.	Japanned.
10 inch	per doz.	$3.60	$6.00
11 "	"	4.20	7.50
13 "	"	6.00	9.75
15 "	"	7.80	12.75

MEDALLION PAPIER MACHE PLAQUES—White.

8½ inch (size of concave center)	per doz.	$ 8.10
10 " " " "	"	10.13
12 " " " "	"	12.15
14 " " " "	"	16.20

ORNAMENTED PLAQUES.

Silver and brown or enamel finish with ivory edge.

6 inch	per doz.	$6.30	12 inch	per doz.	$11.33
7 "	"	7.20	14 "	"	13.50
8½"	"	8.40	16 "	"	16.50
10 "	"	9.60	18 "	"	20.25

OPAL "SHELL" PLAQUES.

6 inch	per doz	$ 4.50
8 "	"	6.75
10 "	"	11.25
12 "	"	15.00
14 "	"	27.00

OPAL GLASS PLAQUES.—Ronnd.

6 inch	per doz.	$2.70	11 inch	per doz.	$ 9.25
7 "	"	3.60	12 "	"	10.80
8 "	"	4.50	14 "	"	12.83
9 "	"	6.30	16 "	"	14.63
10 "	"	7.32			

OPAL GLASS PLAQUES.—Octagon.

6 inch	per doz.	$ 4.00	12 inch	per doz.	$15 00
8 "	"	6 75	14 "	"	20.00
10 "	"	10.00	16 "	"	30 00

FLINT GLASS PLAQUES.—Ground Surface.—Ronnd.

6 inch	per doz.	$2.70	11 inch	per doz.	$ 9.25
7 "	"	3.60	12 "	"	10.80
8 "	"	4.50	14 "	"	12.83
9 "	"	6.30	16 "	"	14.63
10 "	"	7.32			

IVORINE FRAMES FOR DECORATING.

Fitted with convex glass.

Cabinet size, White, Pink or Pale Blue.....each $1.co
Paris Panel size, White, Pink or Pale Blue..... " 2 co

CELLULOID OR IVORINE IN SHEETS.

Size about 2 x48 inches.

No. 10.	Thickness.	Ivory White, Pink, Light Blue, Canary, Lavender, Stone Grey, Bottle Green, Black and Variegated.....per sheet	$1.50
No. 10.	"	Transparent and Semi-transparent..... "	2.00
No. 15.	"	Ivory White only..... "	2.25
No. 20.	"	" " " ..... "	3.00

ROUND MIRRORS FOR DECORATING.

Ornamented Edge, finished in either Gold, Antique Silver or Old Ivory.
Beveled French Plate Mirrors.

Mirror	6	inch	diameter,	outside	of frame	17	inch	diameter,	each	$3.37
"	8	"	"	"	"	19	"	"	"	4.50
"	10	"	"	"	"	21	"	"	"	5.63
"	12	"	"	"	"	23	"	"	"	6.75
"	14	"	"	"	"	25	"	"	"	8.45

ROUND MIRRORS WITH PLAIN PINE FRAMES FOR DECORATING.

Mirror	6	inch	diameter,	outside	of frame	17	inch	diameter	each	$1.80
"	8	"	"	"	"	19	"	"	"	2.45
"	10	"	"	"	"	21	"	"	"	3.05
"	12	"	"	"	"	23	"	"	"	3.75
"	14	"	"	"	"	25	"	"	"	5.00
"	16	"	"	"	"	31½	"	"	"	5.75
"	18	"	"	"	"	33½	"	"	"	6.90
"	20	"	"	"	"	39½	"	"	"	8.65

ROUND MIRRORS WITH SQUARE PINE FRAMES FOR DECORATING.

Beveled French Plate Mirrors.

Mirror	8	inch	Diameter,	Frame	13½x13½	outside	each	$2.45
"	10	"	"	"	15½x15½	"	"	3.05
"	12	"	"	"	17½x17½	"	"	3.75
"	14	"	"	"	20½x20½	"	"	5.00
"	16	"	"	"	23½x23½	"	"	5.75

DIAMOND MIRRORS WITH POLISHED ANTIQUE OAK FRAMES.

For Decorating with Flowers, etc., allowing the natural wood to remain for background. (Beveled French Plate Mirrors.)

Mirrors	6x6	outside of frame	13x13	inches	each,	$	2.90
"	8x8	" "	16x16	"	"		3.50
"	10x10	" "	19x19	"	"		4.25
"	12x12	" "	22x22	"	"		5.05
"	14x14	" "	26½x26½	"	"		6.00
"	16x16	" "	29½x29½	"	"		7.20
"	18x18	" "	32½x32½	"	"		9.15
"	20x20	" "	35½x35½	"	"		11.10
"	22x22	" "	38½x38½	"	"		14.00
"	24x24	" "	41½x41½	"	"		17.40

DIAMOND MIRRORS IN PINE FRAMES

For Decorating. (Beveled French Plate Mirrors)

Mirrors	6x6	outside of frame	13x13	inches	each,	$	1.60
"	8x8	" "	16x16	"	"		2.15
"	10x10	" "	19x19	"	"		2.80
"	12x12	" "	22x22	"	"		3.50
"	14x14	" "	26½x26½	"	"		4 25
"	16x16	" "	29½x29½	"	"		5.25
"	18x18	" "	32½x32½	"	"		6.90
"	20x20	" "	35½x35½	"	"		8.65
"	22x22	" "	38½x38½	"	"		11.00
"	24x24	" "	41½x41½	"	"		12.25

FRENCH PLATE BEVELED MIRRORS.

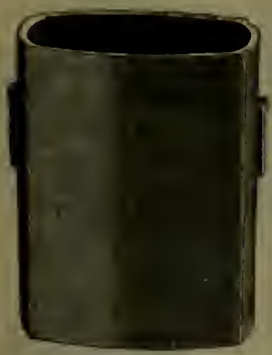
	Square.	Round.
6x6 each	$ .50	$ .70
8x8 "	.80	1.10
10x10 "	1.25	1.50
12x12 "	1.75	2.00
14x14 "	2.25	3 00
16x16 "	3.00	3.50
18x18 "	4.50	4.50
20x20 "	6.00	6.00
22x22 "	8.00	8.00
24x24 "	9.00	9.00

BEVELED FRENCH PLATE GLASS PANELS.

Obscure surface for painting on.

Size	Each	Size	Each
4 x 8	$ .48	8 x 8	$. 84
5x10	.60	10x10	1.32
6 x 6	.48	10x12	1.44
6x12	.96	12x12	1.80
7x14	1.32	14x14	2.28

"ALBERTINE" (Red Earthen) WARE FOR DECORATING.



No. 170.
10½ inches high....$1.00.

No. 316.
11 inches high... $1.60.

No. 315.
10 inches high....$1.30.

No. 171.
3x9½ inches wide..$1.00

Umbrella Stands from $1.85 to $4.80 each.

No. 182
8 inches high ..... $ .75
10 " " 1.00
15 " " 2.50

No. 168
3½x3½x7....$.50

No 190
15 inches high....$2.25

20 inch....$2.50

No. 152
16 inch....$2.50

No. 149
16 inch....$1.50

No. 14—8 inch..... $ .70
" 14—10 " 1.00
" 14—12 " 1.25
" 15—10 " 1.00
" 15—12 " 1.25

No. 61—7½ inch..... $ .60
" 69—6 " ..... .50
" 69—8 " ..... .75
" 116—9 " 1.25

7 inch. $.50

15 inch. $1.50.

No. 160. 4 in. 50c.
" 7 " 75c.

6 inch. $.40

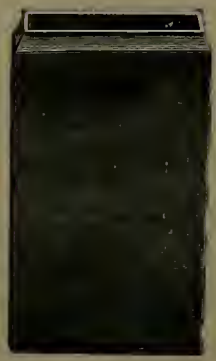
No. 155.
10 inch....$1.50

No. 153.

8 inch	.	$ .75
10 "	....	1.00
12 "		1.60
14 "	....	2.25
18 "	....	2.75

No. 319.
9 inch. $2.25.

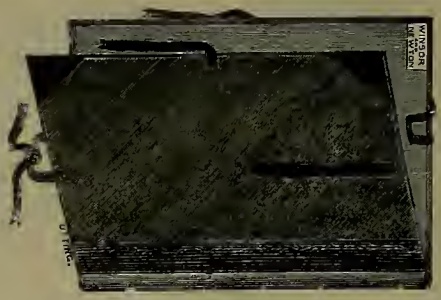
No. 130, 13 inch....$2.00
" 18 " 3.50



169, 2½x6x12..$1.00

No. 148, 11 inch....$1.00
" 13 " 1.25
" 15 " 1.50

PORTFOLIOS.



No. 1, Leather back and corners, cloth sides, with flaps.
No. 6, Leather back and corners, Morocco paper sides.
No. 7, Cloth back and corners, marbled paper sides.

	No. 7	No. 6	No. 1		No. 7	No. 6	No. 1
14½x18, each	$ .90	$1.20	$2.40	22x31, each	$1.35	$1.50	$2.80
17x22 "	1.05	1.28	2.50	24x31½ "	1.50	1.65	3.00
20x27 "	1.20	1.35	2.70	27x34 "	1.65	1.80	3.15

GERMAN DRAWING PAPER.

Cap	14 x 17	per quire,	$ .23
Demy	15½x19½	"	.36
Medium	17 x 22	"	.48
Royal	19 x 24	"	.63
Imperial	22 x 30	"	.90
Double Elephant	26 x 40	"	1.80

WHATMAN'S DRAWING PAPER—Hot or Cold Pressed.

Cap	13x17	per quire,	$ .75
Demy	15x20	"	1.00
Medium	17x22	"	1.44
Royal	19x24	"	1.80
Imperial	21x30	"	3.00
Double Elephant	26x40	"	6.00

Royal, Imperial and Double Elephant can be had rough surface.

HARDING'S WATER COLOR PAPER.

Imperial,	22x30½	per quire,	$3.24
"	Extra Thick 22x30½	"	6.30

CRAYON AND CHARCOAL PAPER—Tinted.

English Imperial Crayon Paper 21x30, 34 tints		per quire,	$2.88
" " " " " 6 " hand made		"	5.64
" Double Elephant Crayon Paper, 26x40, 6 tints		"	4.68
French Crayon Paper, Lepage, 19x25, 31 tints		"	1.08
" Charcoal " " " 12 "		"	.72
" " " Michallet " 10 "		"	.81
" " " 22x28, 5 "		"	.90

BRISTOL BOARD—French.

			2-Sheet	3 Sheet	4-Sheet
Cap,	12½x17½	White .....per doz.	$ .54	$ .72	$ .90
Demy,	16 x 20	" ..... "	.90	1.08	1.35
Medium,	17½x22	" ..... "	1.08	1.44	1.62
Royal,	19x25	" ..... "	1.17	1.68	1.98
Imperial,	22x28	" ..... "	1.62	1.98	2.70
Royal,	19x25	Assorted Tints, tinted on one side, 2 sheet.....per doz			1.26
Royal,	19x25	" " " " both sides " ..... "			1.35
Imperial.	22x28	" " " " " " 3 " ..... "			2.25

REYNOLD'S BRISTOL BOARD.

			2-Sheet.	3-Sheet.	4-Sheet.
Cap,	12½x15¼	.....per doz.	$ .81	$1.13	$1.44
Demy.	14½x18¾	..... "	1.35	1.70	2 16
Medium,	16¾x21	..... "	1.59	2.25	2.93
Royal,	18x22½	..... "	2.03	2.80	3.75
Imperial.	21x28½	..... "	3.60	5 40	7.74

PASTEL PAPER AND BOARD.

Royal	19x25 Best French Paper.....per doz.	$2.70
Imperial	22x28 " " " ..... "	3.25
Double Elephant	28x42 " " " ..... "	6.00
Eureka Pastel Board	22x28 ..... "	4.05

MONOCHROMATIC BOARD—For Pastel Painting.

18x22	.....per doz.	$3.60
22x28	..... "	4 86
25x35, Extra Heavy	..... "	10.80

TRANSFER PAPER.

11x18, Vermilion, White, Yellow, Blue, Black	.....per quire	$1.08
18x22, " " " " "	..... "	2.16

VEGETABLE PARCHMENT.

No. 0—17x22 unglazed	.....per doz.	$.81
" 1— " "	..... "	.60
" 1— " glazed	..... "	.72
" 2— " unglazed	..... "	.54

ROLL PAPER.

42 in.	Eggshell, med. heavy, white, (about 2 yds to a lb.)			per lb.	$ .75
58 "	" light "	"	1⅔ "	" "	.75
58 "	" heavy	"	1½ "	" "	.75
58 "	" various tints	"	2 "	" "	.75
36 "	German Drawing Paper, white	"	3 "	" "	.22½
42 "	" " " "	"	2½ "	" "	.22½
54 "	" " " "	"	2 "	" "	.22½
54 "	Steinbach, thin, white	"	3⅓ "	" "	1.80
54 "	" thick, "	"	2⅔ "	" "	1.80
48 "	Detail paper, x	"	2 "	" "	.15
48 "	" " xx	"	2¼ "	" "	.15
48 "	" " xxx	"	2⅜ "	" "	.15
36 "	" " light	"	4 "	" "	.15

WHITE CARD BOARD.

22x28,	4-ply	per doz. $ .95
"	6-ply	" 1.20
"	8-ply	" 1.35
"	10-ply	" 1.62
"	12-ply	" 1.80

BLUE PRINT PAPER.

36 inch Sensitized, in rolls of 10 yards.....per roll, $2.25

GELATINE PAPER—Perfectly Transparent.

20x26.....per doz. $4.32

TRACING PAPER—Best Quality.

10x16	per quire,	$ .63	16x21	per quire,	$1.14
13x18	"	.81	19x25	"	1.80

40 inches wide, first quality, in rolls of 20 yards.....per roll, $3.50
40 " " second " " " " ..... " 2.00

TRACING CLOTH.

In rolls of 24 Yards.

19 inch.	Imperial	per roll,	$ 5.10
30 "	"	"	9.25
38 "	"	"	10.13
42 "	"	"	14.00
30 "	Dowse's	"	7.80
38 "	"	"	9.30
42 "	"	"	12.30

SKETCH BOOKS—Cloth Bound.

Made of English Tinted Crayon Paper, white German Drawing Paper, or Whatman's Paper, containing 32 leaves.

Size.		German Drawing Paper (White)	English Crayon Paper (Tinted)	Whatman's Drawing Paper (White)
4½x5½	per doz.	$3.38	$3.38	$3.60
4½x6	"	3.83	3.83	4.50
4½x7½	"	4.00	4.00	5.40
5½x7½	"	5.40	5.40	6.75
6¼x9½	"	6 30	6 30	9.00
7½x10	"	8 40	8.40	12.00
9x12	"	11.70	11.70	15.75
10x15	"	15.75	19 08	22.50

DRAWING BOOKS.—Stiff Paper Covers.

Containing 12 leaves of German Drawing Paper, Tissue Paper interleaved.

No. 1, 5x7½ ..... per doz. $1.08 No. 3, 8x11 ..... per doz. $1.80
" 2, 7x9 ..... " 1.35 " 4, 9x12 ..... " 2.40

WATER COLOR SKETCH BLOCKS—With or Without Covers.

These blocks contain 32 sheets of paper. The upper sheet can be easily removed by inserting the point of a pen knife under it.

Size		"Gem"	Whatman paper	Whatman Paper, with cover, each.
3½x5½	per doz.	$1.20	$2 25	$....
4¼x6	"	1.35	3.00	....
5½x7	"	1.50	3.96	1.20
6 x 9	"	2 00	5.40	1.50
7 x 10	"	2.50	7.20	1.80
9 x 12	"	3 75	9.00	2.63
10x14	"	5 00	15.30	3.00
12x16	"	7.50	27.00	....
14x20	"	10.00	54.00	....

"Gem" blocks are made of German Drawing Paper.

OIL SKETCH BLOCKS.

24 leaves, pressed and fastened on the edges to form a solid block.

5 x 7 ..... per doz. $4.50 9x11 ..... per doz. $13.50
6 x 9 ..... " 8.64 10x14 ..... " 19.62
7x10 ..... " 9.00

MATHEMATICAL INSTRUMENTS.

No. 411.

No. 411, The Scholar's Drawing Set, containing one 4½ inch divider, patent pencil and pen point, one box with leads, velvet lined sliding case..... per doz. $6.00

No. 412, The Globe Drawing Set, one 4½ inch divider, with fixed patent pencil point, one box with lead, velvet lined sliding case, per doz.....$3.60

No. 440.

No. 440, Containing 4½ inch divider, with pen and pencil points, leatherette case.....each, $ .70

No. 441.

No. 441, Containing 4½ inch divider, with pen and pencil points, ruling pen, rule and protractor, leatherette case.....each, $ .90

NOTE—All instruments in the four hundred line are nickel plated.

No. 442

No. 443

No. 442 Leatherette Case, containing 4½ inch divider, with pen and pencil parts, lengthening bar, ruling pen, rule and protractor, each $1.00

No. 443 Leatherette Case, containing same as 442 and extra plain divider.....each $1.20

No. 444

No. 445

No. 444 Leatherette Case, containing 5 inch divider, with pen and pencil parts, lengthening bar, plain divider, ruling pen, rule and protractor, each.....$1 33

No. 445 Same as 444 with 3½ inch needle point divider. pen and pencil parts, each $1.80

GERMAN SILVER MATHEMATICAL INSTRUMENTS.

In velvet lined leather cases, dividers are made of the new improved pattern. Patent ball joints and handles.

No. 302 A

No. 302 A, Contains 5½ inch fixed needle point divider, with pen and pencil parts, lengthening bar, ruling pen with joint and box of leads.....each, $2.95

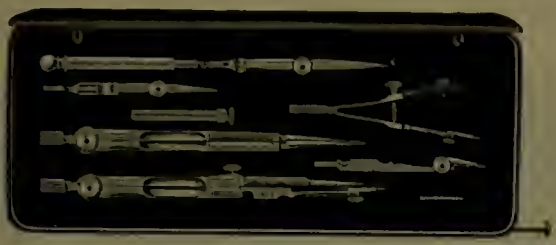
No. 303 A

No. 303 A, Contains one 5½ inch fixed needle point divider, with pen and pencil parts; 5 inch plain divider, ruling pen with joint and box of leads.....each, $3.55

No. 304 A

No. 304 A, Containing one 5½ inch divider with fixed needle point and pen and pencil parts and lengthening bar; one 5 inch plain divider, ruling pen with joint and box of leads.....each, $3.85

GERMAN SILVER MATHEMATICAL INSTRUMENTS.—Continued.



No. 305A

No. 305A Containing one 5½ inch divider with fixed needle point, pen and pencil parts, one plain 5 inch divider, spring bow pen, ruling pen with joint, box of leads.....each $5.50

No. 306

No. 306 Containing one 5½ inch divider. with pen, needle point and pencil, lengthening bar, one p'ain 5 inch divider, ruling pen with joint and box of leads.....each $4.30

GERMAN SILVER MATHEMATICAL INSTRUMENTS.

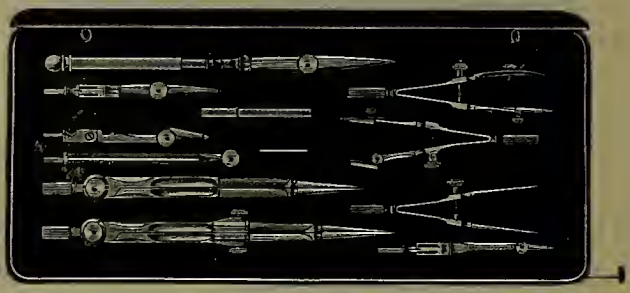
Finest quality. In Morocco Leather Cases.

No. 507

No 507 Containing one 5½ inch divider, with pen. pencil and needle point parts, lengthening bar, one 5 inch plain divider, one steel spring bow pen, ruling pen with joint and needle and box of leads .....each $7.50

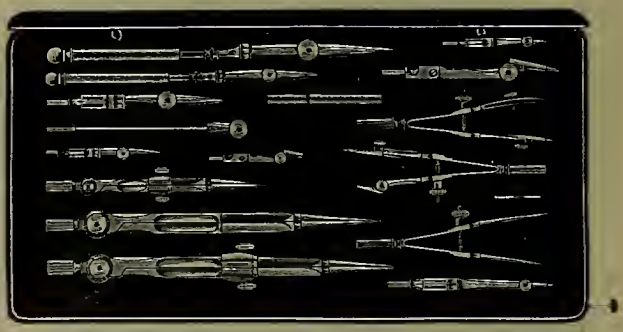
GERMAN SILVER MATHEMATICAL INSTRUMENTS.—Continued.

Finest Quality in Morocco Leather Cases.



No. 520.

No. 520, Containing one 5½ inch divider with pen, pencil and needle point parts and lengthening bar, one plain 5 inch divider, one steel spring divider, one steel spring bow pen, one steel spring bow pencil, ruling pen with joint and needle and box of leads, each, $10 00



No. 525.

No. 525, Containing one 5½ inch divider, with pen, pencil and needle point parts, one 5 inch plain divider, one 3½ inch divider with pen, pencil and needle point parts, one steel spring divider, one steel spring bow pen, one steel spring bow pencil, one large and one small ruling pen with joint and needle and box of leads, each.....$13.50

MATHEMATICAL INSTRUMENTS—In Wooden Boxes.

4	Mahogany box 3½x5¾ containing 4½ inch divider, pen, pencils, lengthening bar, crayon holder and protractor.....each	$ .67
12	Mahogany box 4x5 containing 4½ and 3¾ inch dividers, pens, pencils, lengthening bar, ruling pen, crayon holder and protractor...each	.80
24	Mahogany box 4½x7½ containing 4½ and 6 inch dividers, lenthening bars, pen and pencils for compass, ruling pen, protractor, etc.,each	1.20
44 P	Rosewood box 4x7 containing 5¼ and 4½ inch dividers, small needle point compass, 2 pens, 2 pencils, ruling pen, lengthening rod and protractor.....each	1.60
44	Rosewood lock box with tray same as 44 P but better box.....each	2.00
90	Rosewood lock box with tray 4¾x8¼, containing 6¼, 4½ and 4 inch dividers, needle point compass. 3 pens, 3 pencils, ruling pen, lengthening bar and protractors.....each	2.50
57	Rosewood lock box with tray 4¾x8, containing 5½ and 4½ inch dividers, needle pointed compass, 2 pens, 2 pencils, ruling pen, lengthening bar, crayon holder, 12 half cake water colors, India ink, sepia, 2 china saucers, brushes, eraser and protractors.....each	3.00
52 T	Rosewood lock box with tray 4¾x8¼, containing 6¼ and 4½ inch dividers, reduction compass, needle pointed compass, 2 pens, 2 pencils, lengthening bar, ruling pen, protractors, etc.....each	2.80
180 B	Rosewood lock box with tray 4¾x8¼, containing (German Silver Instruments) 6½ and 4 inch needle point compass, plain compass, spring dividers with pen, lengthening bar, 2 pens, 2 pencils, ruling pen, protractors, etc.....each	5.35
212 B	Rosewood lock box with tray containing 6½ and 4¼ inch needle pointed compasses, reduction compass, 4½ inch plain divider, spring divider and pen, 2 pens, 2 pencils, lengthening bar, ruling pen, protractor and ivory rule.....each	6.00
180 E	Same as 180 B. with one extra ruling pen, very fine finish.....	7.50

RULING PENS.

No. 280.

No. 420,	5 inch Nickel Plated, Ebony handle	per doz.	$1.80
" 421,	6 " " " Ivory " with needle point	"	4.20
" 275,	5 " German Silver Ivory handle, with joint	"	6.00
" 276,	5½" " " " " "	"	6.00
" 280,	4½" " " " " with needle point	"	9.25
" 281,	5 " " " " " " "	"	9.50
" 289,	Railroad Pen	each	2.75
" 295,	Duplex "	"	3.00

DIVIDERS

No. 400,	Plain 4½ inch Nickel Plated Dividers	per doz.	$3.00
" 401,	" 5½ " " " "	"	4.20
" 490,	Brass and Steel 4½ inch Dividers	"	3.00
" 491.	" " 5½ " "	"	3.35
" 492,	" " 6½ " "	"	3.67
" 46,	Superfine Brass and Steel 4½ inch Dividers	each	1.33
" 46,	" " " 5½ " "	"	1.67
" 46,	" " " 6½ " "	"	2.00
" 55,	Extra" " " 4¾ " " with hair spring	"	2.13
" 53,	" " " " 5½ " " " "	"	2.40

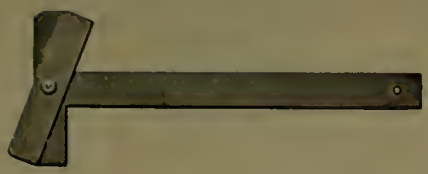
PROPORTIONAL DIVIDERS.

No. 431,	6 inch Brass in case	each,	$2.00
" 431,	6 " German Silver in case	"	2.50
" 436,	6½" Brass	"	3.50

SPRING DIVIDERS.

No. 580,	Steel Spring Bow Divider German Silver Handle	each,	$1.13
" 581,	" " Pen " " "	"	1.13
" 582,	" " Pencil " " "	"	1.13
" 583,	" " Divider Ivory Handle	"	1.35
" 584,	" " Pen " "	"	1.35
" 585,	" " Pencil " "	"	1.35

PEARWOOD T SQUARES.



Inches	15.	20.	24.	30.	36.	42.	48
Fixed Heads, per doz.	$3.00	4.20	4.80	5.40	6.00	7.00	8.00
Movable " "	7.20	9.00	10.25	11.25	12.25	13.25	15.50

CHERRY T SQUARES FOR SCHOOL USE.

Inches	18	24	30	36
Per dozen	$2.40	2.88	3.60	4.00

PEARWOOD TRIANGLES—Mortised Corner Joints

30° AND 60°

45°

45°

Inches	5	6	7	8	9	10	12	14
Per doz.	$2.25	2.50	2.75	3.00	3.50	4.00	5.00	7.52

30° and 60°

Inches	5	6	7	8	9	10	12	14	16	18
Per doz.	2.00	2.16	2.25	2.50	2.75	3.60	4.50	6.75	9.00	12.80

PEARWOOD STRAIGHT EDGES.

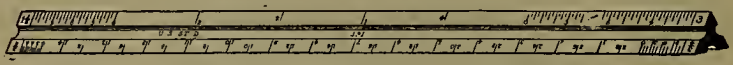
Inches long	18	30	40	50	60
Per doz.	$2.40	4.00	4.80	6.40	8.00

EBONY PARALLEL RULERS.

Inches long	6	9	12	15
Per doz.	2.88	5.60	8.00	9.60

MAPLE RULERS—Brass Edge.

Inches long	12	15	18	24
Per doz.	$1.60	2.00	2.33	3.20



No. 1621.

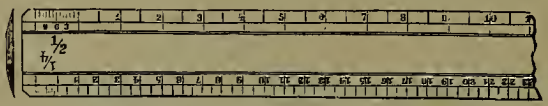
TRIANGULAR BOXWOOD SCALES.

FOR ARCHITECTS.

No. 1620, 6 in. div. $\frac{3}{32}$, $\frac{3}{16}$, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 3 in. to the ft., $\frac{1}{16}$ in....each, $ .80
" 1621, 12 " " " " " " " " " " " " ... " 1.50
" 1622, 12 " $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2, 3, 4, " " " ... " 1.50
" 1621, P same as 1621, In.p'd. shape and div. on a white enamel surface " 3.50
" 1622, P " " 1622, " " " " " " " 3.50

FOR ENGINEERS.

No. 1631, 12 inch div. 10, 20, 30, 40, 50, 60 parts to the inch.....each, $1.50
" 1632, 18 " " " " " " " " " " ..... " 3.00



FLAT PARAGON BOXWOOD SCALES.

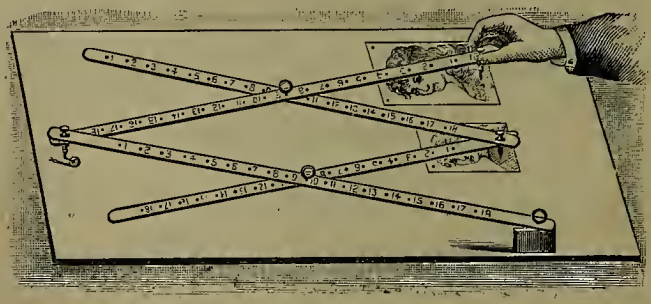
With divisions on a white enameled surface.

FOR ARCHITECTS.

No. 1390 P 6 inch div. $\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, 1 inch to the foot.....each, $ .85
" 1391 P 12 " " " " " " " ..... " 1.25
" 1392 P $12\frac{1}{2}$ " " " " " " " (covers 100 ft. on $\frac{1}{8}$ in.). " 1.50
" 1395 P 24 " " $\frac{1}{8}$, $\frac{1}{4}$ in. to the ft. $\frac{1}{16}$ in. full size..... " 3.00

FOR ENGINEERS DIVIDED INTO TENTHS.

No. 1410 P 6 inch div. 10x50 parts to the inch ....each .85
" 1415 P 12 " " 10x50 " " ..... " 1.25
" 1416 P 12 " " 20x40 " " .... " 1.25
" 1417 P 12 " " 30x60 " " ..... " 1.25



PANTOGRAPHS.

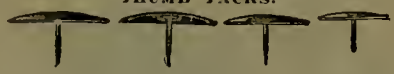
For enlarging and reducing drawings.

No. 1, Maple 13 inch arms.....per doz. $2.00
" 3, Ebonized 16 inch arms..... " 6.00
" 4, Maple 17 " " Brass mounted.....each, 1.00
" 5, " 17 " " " " extra fine..... " 1.75
" 6, Pearwood 22 inch arms, Brass mounted..... " 4.00

DRAWING BOARDS.

16x20 Sugar Pine	⅝ inch thick	per doz.	$	6.40
17x21 " "	⅝ "	"		7.20
20x24 " "	⅝ "	"		8.00
20x26 " "	⅝ "	"		8.80
22x28 " "	⅝ "	"		9.60
16x20 Sugar Pine, Walnut Ends	1 "	"		10.40
17x21 " " " "	1 "	"		10.40
18x22 " " " "	1 "	"		11.20
20x24 " " " "	1 "	"		12.80
20x26 " " " "	1 "	"		14.40
22x28 " " " "	1 "	"		16.00
24x32 " " " "	1 "	"		19.20
28x42 " " " "	"	"		21.60

THUMB TACKS.



"GOVERNMENT"

'Government" Thumb Tacks are made by a new method that prevents the tack being either pulled out or pushed through the head, as shown in the cut.

No. 851 L, ⅜ inch diam. brass, in ¼ gross boxes	per gross	$	1.35
" 852 L, ½ " " " " " "	"		1.50
" 853 L, ⅝ " " " " " "	"		1.75
" 861 ⅜ " " German Silver, 1 doz. on cork	"		1.08
" 862 ½ " " " " " "	"		2.88
" 863 ⅝ " " " " " "	"		2.57

"IMPROVED"

The "Improved' Thumb Tack is made of one piece of steel, so that there is no danger of the tack being pushed through the head.

Put up in boxes of 100 with extractor.

No. 1	per 100	$ .45	No. 1 C, with nickel cov'd top,	per 100.	$ .60
" 2	"	.54	" 2 C, " " " "	"	.72
" 3	"	.68	" 3 C, " " " "	"	.90

CANVAS SKETCHING PINS.

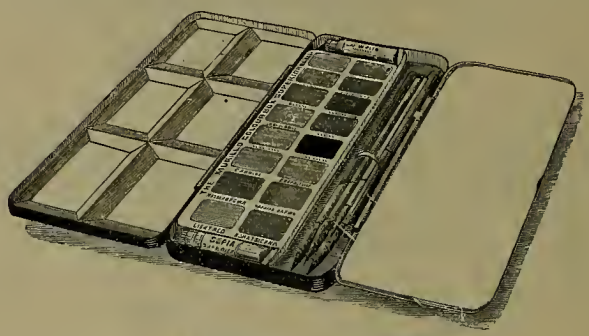
Double ..... per doz $ .45

"THE RUBENS" COLOR BOX.

Japanned tin box 2½x3½ containing 6 moist pans and brushes..... per doz. $2.25

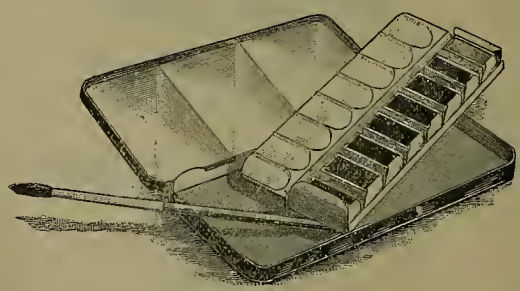
THE REMBRANDT COLOR BOX.

Japanned tin box with 12 moist pans and brushes ..... per doz. $5.25



"THE MURILLO" COLOR BOX.

Japanned tin box containing Superior Moist Colors, tubes of Chinese White, [illegible] Sepia and Brushes.... .....per doz. $12.75



No. 476.

No. 476. Japanned tin box, enamelled white inside, containing movable tray, holding eight pans of best quality moist water colors, brushes, etc. per doz. $9.00

WATER COLORS IN BOXES—Continued.

No. 477.

No. 477. Japanned Tin Box, enamelled white inside, with palette flap, containing movable tray, holding fifteen pans of best quality moist water colors, tube of Chinese White, brushes, etc.....per doz. $16.88

WINSOR & NEWTON'S WATER COLORS—In Boxes.

"Sliding Lid" Mahogany Boxes.

Containing	6	half cakes and brushes	each	$1.60
"	12	" " "	"	2.60
"	18	" " "	"	3.80
"	24	" " "	"	5.00
"	6	whole cakes and brushes	"	2.40
"	12	" " "	"	4.80
"	18	" " "	"	7.20
"	24	" " "	"	9.60

WINSOR & NEWTON'S WATER COLORS IN BOXES—Continued.

LOCK AND DRAWER.

"Lock and Drawer"	box	containing	12	half	cakes,	brushes,	etc.	each,		$4 80
"	"	"	"	18	"	"	"	"	"	6.00
"	"	"	"	24	"	"	"	"	"	8.40
"	"	"	"	12	whole	"	"	"	"	7.20
"	"	"	"	18	"	"	"	"	"	10.00
"	"	"	"	24	"	"	"	"	"	14.00

"COMPLETE."

"Complete"	box	containing	18	half	cakes,	brushes,	etc.	each,		$7.20
"	"	"	24	"	"	"	"		"	10.00
"	"	"	18	whole	"	"	"		"	12.60
"	"	"	24	"	"	"	"		"	16 80

"THE ACME" TRANSPARENT WATER COLORS.

For the coloring of Photographs, Artotypes, Engravings, Etc.

These colors (are recognized as the standard for the purposes designed) come put up in boxes of 16 pans, with folding palette and instructions. By using these colors, any one can with a very little practice, learn to color photos, etc., beautifully. Price per box, $2.25.

"Acme Medium"

For preparing a photograph so that the surface will take the colors freely. Per pan $.25

"The Acme Guide."

Complete instructions for coloring photographs with transparent water or oil colors; also for enameling over colors, mounting on glass, etc., etc. Each, $.25.

WINSOR & NEWTON'S PATENT JAPANNED TIN BOXES FOR WATER COLORS.

		For Half Pans	For Whole Pans			For Half Pans	For Whole Pans
6 Divisions	each	$1 65	$1.80	14 Divisions	each	$2.50	$2.70
8 "	"	1.80	2.00	16 "	"	2.63	3.00
10 "	"	2.10	2.25	18 "	"	2.78	3.25
12 "	"	2.25	2.50	20 "	"	3.00	3.50

JAPANNED TIN BOXES FOR WATER COLORS.

		For Half Pans	For Whole Pans			For Half Pans.	For Whole Pans
6 Divisions	each	$	$1.08	16 Divisions	each	$1.50	$1.65
8 "	"	1.08	1.17	18 "	"	1.65	1.68
10 "	"	1.17	1.32	20 "	"	1.68	1.88
12 "	"	1.32	1.50	24 "	"	1.88	1.95

Whole pan boxes can be used for half pans two half pans in each division.

INDIAN INKS.—In Sticks.

"LIONS' HEAD" LARGE SIZE.

0	Square Sticks 2½ inches long	per doz.	$ .60
1	" " 2¾ " "	"	1.20
2	" " 3 " "	"	3.00
3	Round Sticks 4¾ " "	"	6.00
4	" " 6 " "	"	12.00
A	Extra Superfine 2¼ inch long gilt covered	"	6.00
B	" " 2¾ " " " "	"	15.00
C	" " 3¼ " " " " Hexagon	"	18.00
	Lions' Head, small size	"	1.80
	" " large "	"	3.60

DRAWING INKS.

Full size.

Full size.

Higgins' American India Ink "General" ¾ oz. bottles		
" " " " "Waterproof" ¾ oz. bottles		
" Carmine Ink, ¾ oz bottles		
" Scarlet " " "		
" Blue " " "		per dozen $3.60
" Green " " "		
" Orange " " "		
" Yellow " " "		
" Brown " " "		
Bourgeois' Liquid Chinese Black Ink, 1 oz bottles		per doz $2.16

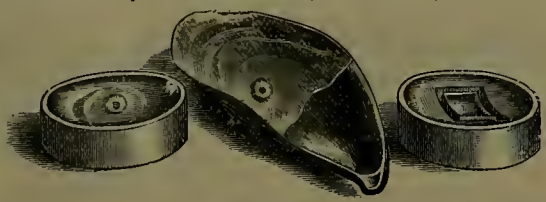
[SEE ALSO ON NEXT PAGE.]

Size of Large Bottles.

Size of Large Bottles.

WINSOR & NEWTON'S LIQUID WATER COLORS AND MEDIUMS.

	Small Bottles. Per Doz.	Large Bottles. Per Doz.
Chinese White	$ 1.80	$ 3.60
Indian Ink	1.80	3.60
Carmine	1.80	3.60
Sepia	1.80	3.60
Indelible Brown	1.80	3.60
Prouts Brown	1.80	3.60
Prussian Blue	1.80	3.60
Lamp Black	1.80	3.60
Vermilion	1 80	3.60
Asphaltum	1.80	3.60
Ox Gall	1.80	3.60
Gum Water	1.80	3.60
Gold Ink	1.60	3.60
Silver Ink	1.80	3.60
Water Color Megilp	1.80	3.60
Newman's Preparation (2 oz. and 4 oz. bottles)	8.10	16.20
Winsor & Newton's Liquid Chinese Ink (1 oz. bottles)		2.88



GOLD AND SILVER SHELLS AND CUPS.

*Gold Shells, Single...per doz. $1.80
* " " Double.. " 3.60
Silver " Single... " .60

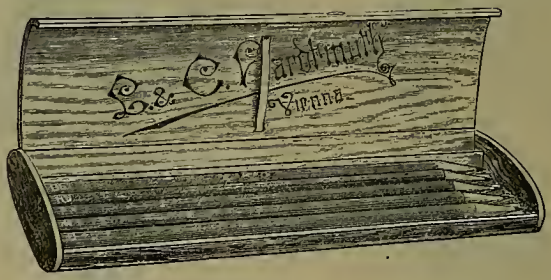
Gold Cups, 1 inch Diameter, per doz. $1.35
Silver " 1¼ " " " .90

* Come in Yellow or Green Gold.

FINE LEAD PENCILS.

L. & C. HARDTMUTH'S

Graphite Comprimé, 6 H, 4 H, 3 H, 2 H, 1 H, F, HB, B, 2 B, 3 B....per gro.		$13.50
Graphite Comprimé, 4 B..... "		15.00
" " 6 B..... "		18.00
"Finest Drawing" hexagon, red polish, gold name—4 H, 3 H, 2 H, H, F, HB, B, BB, 3 B, 4 B.....per gro.		9.75
"Civil Service" hexagon, natural polish, silver name,—4 H, 3 H, HH, H F. HB, B, BB, 3 B, 4 B.....per gro.		4.50
"Civil Service" round, natural polish, silver name—HH, H, F, HB, B, BB, "		4.25
"Artists' Ever Pointed" with movable leads.....per. doz.		1.66
"Comprimé Refills" for above; same grades and quality as "Graphite Comprimé" pencils, in boxes of 6 leads.....per doz. boxes		7.50
Compass Pencils, No. 21, extra thin.....per doz		.38
" " " " medium thin..... "		.31



BOX NO. 60.

HARDTMUTH'S PENCILS IN BOXES.

No. 60, Drawing Box, white wood box, with spring cover, containing 5 Civil Service pencils.....per doz. boxes	$3.75
No. 20, Drawing Box, cloth covered box, containing 6 hexagon drawing pencils, knife and eraser.....per doz.	9.00
No. 24, Drawing Box, fancy calfskin, containing 6 "Graphite Comprimé" pencils, ivory handled knife and eraser.....per doz.	22.50

A. W. FABER'S.

"ARTISTS"

A. W. Faber's Siberian Graphite, 2 B, B, F, H, HB, 2 H. 3 H, 4 H, 5 H, 6 H, ...per gro.	$13.50
A. W. Faber's Siberian Graphite, 3 B and 4 B..... "	16.20
" " " 6 B ..... "	18.75
" "Artist's" Pencils with movable leads, 6 B..... ... "	3.75
" " " " " " 3 B, 4 B, 5 B .. "	3.38
" " " " " " BB, to 6 H..... "	3.00
" Refills for above in boxes of 6 leads. 6 B .....per box	.81
" " " " " " 3 B, 4 B, 5 B..... "	.75
" " " " " " other grades..... "	.63

A. W. FABER'S SIBERIAN GRAPHITE PENCILS—In Boxes.

5 Siberian Graphite Pencils in cloth covered box.....per doz.	$11.25
7 " " " " " " ..... "	14.25
10 " " " " " " ..... "	19.70

CRAYONS, ETC.

Conte's Square Black, No. 1, 2, 3, in gross boxes	per gross	$1.50
" " " Lead " " "	"	5.40
" " Bistre "	"	2.25
" " Red "	"	1.50
" " White 1. 2. 3. "	"	1.50
Lemoines " " " " " "	"	1.50
" " Black " " " "	"	1.50
" " Grey "	"	1.50

Conte's Round Black Nos. 1, 2, 3, in gross boxes	per gross,	$3.00
" " " Varnished extra fine small	"	4.50
" " " " " " large, 7 in. long	"	17.28
" " White Nos. 1, 2. 3, in gross boxes	"	1.50
" " Assorted Colors " "	"	1.50
Lemoines" White Nos. 1. 2, 3, " "	"	1.92
" " Black " " " " "	"	1.92
German Natural Crayons Nos. 2, 3, 6 in. long	per dozen	.75

Medium.

Conte's Sauce Crayon, in foil small	per doz.	$ .63
" " " " medium	"	.81
" " " " large	"	1.20
" " " in bottles	"	1 26

Conte's Crayons, in wood, Nos. 1, 2, ordinary	per doz.	$ .60
" " " " o. 1, 2, 3, extra fine	"	.90
" Velvet Crayon, in wood extra fine	"	1.20
White Chalk in wood	"	.72
Red " "	"	.72
Lithographers' Crayons, in boxes of 1 doz., Nos. 1, 2, 3,	per box,	.24
" " in wood, Nos. 1, 2, 3	per doz.	.90
Italian Chalk	per ounce,	.15

CHARCOAL.

Conte, ordinary, 50 sticks in a pack ..... per doz packs $1.13
" " " " in a box ..... " boxes 1.35
" Extra large, 50 sticks in a package ..... " packs 3 60
Berville Small stick, "P. B." 50 sticks in a box ..... " boxes 5.40
" Venetian " " " ..... " " 6.00
Rougets, Nos. 1, 2 and 3, 25 " " ..... " " 5 40
Pearl's Charcoal Pencils in wood, 3 grades S. M. H. ..... " .90

CRAYON OUTFITS IN BOXES.

No. 00 Japanned tin box (similar to "Pocket" Oil Color Outfit, as illustrated on page 79), containing crayon palette, crayon holder wood center, 5 crayons in wood, 4 stomps assorted, 1 dozen tortillons, 2 erasers, 1 bottle crayon sauce, 1 stick crayon sauce in foil, assortment of black crayons .... each $2.63

No. 13 Morocco paper box, size 5¼x8¾, containing crayon palette, 4 stomps, 2 erasers, 1 dozen tortillons, 1 crayon holder, stick sauce crayon, 7 crayons in wood, assortment of black crayons, charcoal and piece of chamois skin ..... each 2.00

No. 15 Same box as No. 13, containing crayon palette, crayon holder, 1 stick sauce crayon, 2 erasers, 4 stomps, 2 crayons in wood, ass't of crayon, .. each 1.35

COLORED PENCILS IN WOOD.

Conte's 12 colors, paper box, 4½ inches long ..... per doz boxes $ 5.04
" 12 " " " 7 " " ..... " " 12.00
" 12 " cloth case 7 " " ..... per box 1.80
" 24 " " " 7 " " ..... " 3.60
" 48 " " " 7 " " ..... " 7.20
" 12 " paper box 7 " " for coloring photographs, per dz bxs 18.00
" Assorted colors, 7 inches long, varnished ..... per doz 1.00
No. 776 Blue Pencil ..... " .84
" 777 Vermilion Pencil ..... " .84

ATOMIZERS.

JAPANNED TIN.

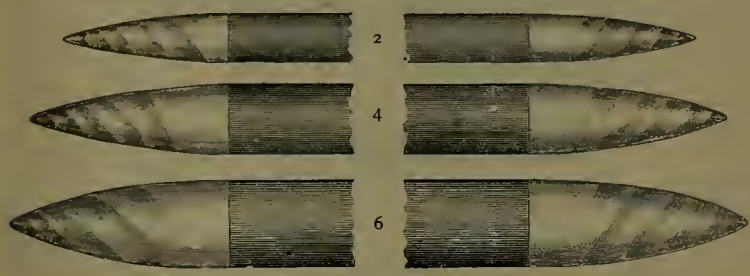
Japanned Tin ..... per doz $1.50
"Mobile" Glass and Metal ..... " 2.16
"Little Daisy" glass, with rubber bulb ..... " 3.00
"Magic" No. 2 " " " " ..... " 13.50

CRAYON HOLDER.

4 inch Brass	per doz.	$ .30
5 " "	"	.38
6 " "	"	.45
Extra large for charcoal	"	2.52

No. 1.

No. 1 Conte Tubular and Crayon Holder 7 in. long	per doz.	$3.75
" 2 " Double end wood center, brass ends, 7 in. long.	"	2.70
" 3 " " " ebony " German silver ends, 7 inches long	"	4.50
No. 4 "The Indispensable" Crayon and Stomp holder, ebony center, German silver ends	"	3.75



LEATHER STOMPS.

		Chamois 1st Quality.	Chamois 2nd Quality.	Kid.
1	per doz.	$ .67	$ .54	$ .54
2	"	.70	.60	.60
3	"	.80	.67	.67
4	"	1.00	80	.80
5	"	1.20	1.10	1.10
6	"	1.50	1.25	1.25
7	"	1.80	1.40	1.40
8	"	2.00	1.60	1.60
10	"	2.85	....	....
12	"	3.35	....	....
Assorted, No. 1 to 8	"	1.45	1.00	1.00

1st Quality Stomps are bound in natural leather.
2d Quality Stomps are bound in colored leather.

GRAY PAPER STOMPS.

No.	1	2	3	4	5	6	7	8	assorted 1 to 8
Per doz.	$.10	.12	.15	.17	.20	.23	.27	.30	.20

CORK STOMPS.

No.	1	2	3	4	5	6	7	8	assorted 1 to 8
Per doz.	$.60	.70	.80	1.00	1.20	1.50	1.60	1.80	1.12

TORTILLONS.

Small Paper Stomps pointed at one end, Gray..... per gross $.60
" " " " " " White..... " .60

RUBBER ERASERS.

Conté's Pencil and Ink Erasing Stomps, wood centre, 4¼ inches.....per doz. $1.25
" " " " " 5 " ..... " 2.16
" " " " " 5¾ " ..... " 3.00
No. 3, Standard Erasing Stomps for Crayon..... " .54
" 2, " " " " ..... " .72
" 1, " " " " ..... " 1.08

NO. 2.

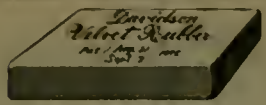
A. W. Faber's Pointed Rubbers, No. 1..... per doz. $ .60
" " " " 2..... " .90
" " " " 3..... " 1.20
" " " " 4..... " 1.80
" " " " 5..... " 2.50
" Ink Erasers..... " .60

Nº40

A. W. Faber's White-fringed Improved Artist's Rubber, No. 12. 20, 40, 80 per lb. $2.16
" Black " " " " 20, 40, 80... " 3.60

NOTE—The numbers of the above erasers indicate the number of pieces to a pound.

RUBBER ERASER.—Continued.



Davidson's Velvet Erasers, No. 20, size 1⅞x1 3/16x3/8		Per lb. $1.80
" " " " 40, " 1¾x1x5/16		
" " " " 80, " 1x1 11/16x5/16		

Conte Ink and Pencil Eraser, small size	per doz.	$1.62
" " " " medium	"	2.40
" " " " large	"	3.38
A. W. Faber's Ink and Pencil Eraser, small size	"	1.80
" " " " mammoth size	"	3.00
" Type writer Eraser	"	.68
Dixon's Ink Eraser	"	.48
Black Sponge Rubber, small pieces about 1¼x1½x1	"	2.70
" " " large " " 2½x1½x1	"	4.50

THE AIR PENCIL.

For making Raised Letters and Relief Work.

To be applied to Plaques, Vases, Fancy Boxes, Dance Cards, Menus and Ornaments of all kinds.

By its use the most beautiful effects in raised lettering can be produced.

Outfit complete in box, comprising air pencil, dry medium and liquid...per doz. $9.90
Medium No.1. (liquid)" 2.70
" "2,(dry powder)
.....per doz. 2.70

HARD PASTELS.

Ordinary.

				Per Doz. Boxes.
Boxes	containing	12	colors	$1.00
"	"	18	"	1.50
"	"	24	"	2.00
"	"	30	"	2 50
"	"	36	"	3.00
"	"	48	"	4.00
"	"	6	Conte's	.50

Superfine.

				Per Doz. Boxes.
Boxes	containing	12	colors	$ 3.00
"	"	18	"	4.50
"	"	24	"	6.00
"	"	30	"	7.67
"	"	36	"	9.17
"	"	48	"	12.20

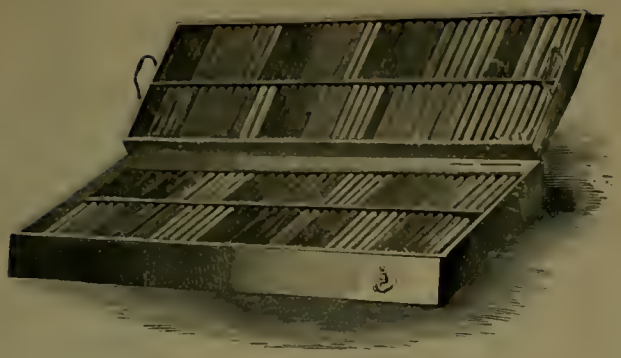
HALF HARD PASTEL CRAYONS.

Le Franc & Co's.

Box	containing	25	crayons	assorted	colors	per box $1.00
"	"	50	"	"	"	" 2.00
"	"	100	"	"	"	" 4.00

GIRAULT'S.

Box	containing	25	crayons	assorted	colors	per box $ .75
"	"	50	"	"	"	" 1.40
"	"	100	"	"	"	" 2.20
"	"	150	"	"	"	" 4.25
"	"	200	"	"	"	" 5.65



SOFT PASTELS.

GIRAULT'S SOFT PASTELS.

No. 6,	Box containing	28	assorted colors		per box	$	.60
" 5,	" "	44	" "		"		1.00
" 4,	" "	56	" "		"		1.50
" 3,	" "	66	" "		"		2.17
" 2½	" "	88	" "		"		2.92
" 2,	" "	134	" "		"		3.85
" 1,	" "	164	" "		"		5.35
" 0,	" "	272	" "		"		7.70
" 6,	" "	28	Black Pastels		"		.60
" 6,	" "	28	White "		"		.60
" 6,	" "	28	Red Lake, assorted shades		"		1.00
" 6,	" "	28	Graduated tints of any of the following colors: Gray, Yellow Ochre, Chrome Yellow, Brown, Green, Blue, Vermilion, Light Flesh, Deep Flesh				.60

LE FRANC'S SOFT PASTELS.

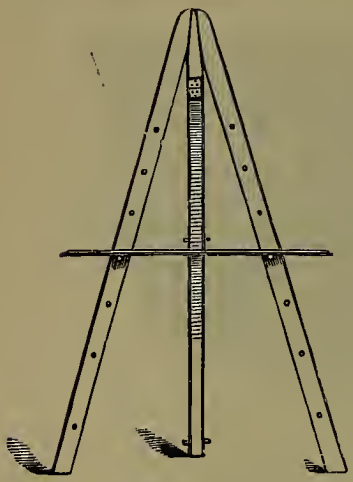
⅛ Size containing 26 crayons assorted colors	per box,	$	.87
¼ Size ordinary, containing 40 crayons assorted colors	"		1.20
¼ Size fine, containing 56 crayons assorted colors	"		1.85
½ Size, containing 62 crayons assorted colors	"		2.50
Full Size, containing 132 crayons	"		5.00
Double bottom containing 156 crayons assorted colors	"		6.25
Triple bottom containing 200 crayons assorted colors	"		9.20

"EDOUARD'S SUPERFINE SOFT PASTEL CRAYONS."

Double bottom box containing 214 extra large (about the size of ordinary school chalk) crayons ... per box, $24.00

"COMPLETE SET."

Double bottom box containing 183 Soft Pastels, 61 half hard Pastels, 30 for Backgrounds. All superfine colors ..... per box $12.50



EASELS.

No. 1, Pine, Closing with cross-board and pins, 6 feet high .....per doz. $9.00

No. 2, with adjustable rack and tray, 6 feet high, each..... 3.00

No. 2, Antique Oak, polished each 5.25

No. 3, Sketching Easel This easel stands firm, is easily and quickly set up; 4⅔ feet high, and weighs 2¼ lbs....per doz. $15 00

NO. 3, SKETCHING EASEL, OPENED AND CLOSED.

STUDIO EASEL.

No. 10 Studio Easel, pine, varnished, width 24 inches, height adjustable from 60 to 96 inches.....each $6.00

No. 10

No. 2

No. 3—Half Cane.

No. 4—Cane.

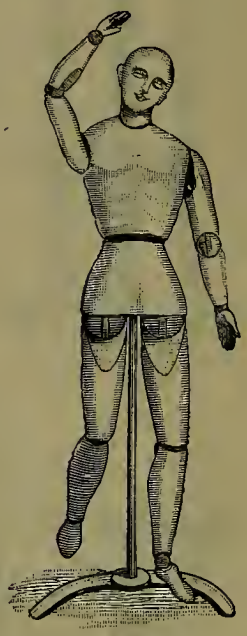
SKETCHING STOOLS.

No. 1—Square Seat, canvas top, 17 inches high, seat 9x12, per doz...$5.25
" 2—Same as No. 1 with back..... " ... 6.75
" 3—Half Cane..... " ...18.90
" 4—Full " .... " ..27.00

SKETCHING UMBRELLAS.

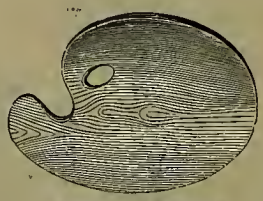
Linen Covers.

No. 706, 30 inch. with plain stick..... each, $ 9.00
" 709, 28 " " " " with apparatus for moving the open umbrella up or down on the stick " 10.13
" 713, 25 in. same style as No.709 " 7.88



MANIKINS.

12 inch Whitewood	each,	$ 1.68
18 " "	"	2.82
24 " "	"	5.07
30 " "	"	15.75



WOOD PALETTES—Oval or Square.

		Oiled	Half Pol.	Full Pol.
9, 10 and 11 inch	per doz.	$3.00	$4.00	$5.60
12, 13 and 14 inch	"	3.35	4.40	6.00
15 and 16 inch	"	4.00	5.00	6.67
Folding Palettes, oiled	"	10.80		

MAHL STICKS.

		3 foot	3½ foot	4 foot
Plain Whitewood	per doz.	$1.50	$1.67	$ 2.00
Polished Mahogany, (Imitation)	"	2.50	2.67	3.00
Polished Ebony, (Imitation)	"	2.50	2.67	3.00

Jointed 3 Parts, Double Ferrules Polished 3 feet long..... per doz. 8.33
" 4 " " " " 3½ " " ..... " 11.10

PALETTE KNIVES—Cocoa Handles.

Length of blade	3 in..	3½ in.	4 in.	4½ in.,	5 in..	5½ in.,	6 in.
Per doz.	$2.70	3.00	3.30	3 60	3.90	4.20	4 95

TROWEL KNIVES—Cocoa Handles.

Length of blade	3 in.	4 in.	5 in.	6 in.
Per doz.	$6.30	6.75	7.50	8.25

SPATULAS.

6 inch Horn.....per doz. $1.50
9 " " ..... " 1.80
7½ " Ivory..... .... " 10.13
7 " Bone with handle..... " 4.50

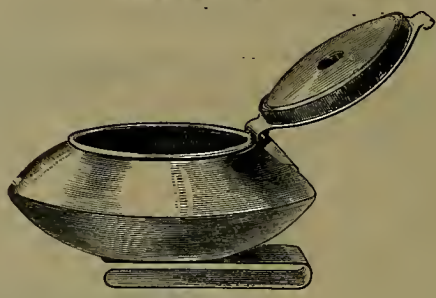
STEEL COLOR ERASERS

Lance shaped ebony handle.....per doz. $5.40
Curved " " " ..... " 5.40

STEEL SCRAPERS.

1½ inch blade ebony handles.....per doz. $6.00
2 " " " " ..... " 9.00
2½ " " " " ... . " 9.75

PALETTE CUPS.



"IMPROVED."

Improved Palette Cup ..... per doz. $2.50

Brush Washer.

PALETTE CUPS—Tin.

Single, without cover	per doz.	$ .70
Double, without cover	"	1.20
Single, with cover	"	1.20
Double, with cover	"	2.00
Single, brass screw top	"	1.67
Double, brass screw top	"	3.00

BRUSH WASHERS—Tin.

Small size	per doz.	$5.00
Medium size	"	5.50
Large size	"	6.67

TIN BOTTLES.

2 oz. bottles for oil, screw top	per doz.	$2.50
4 " " " " "	"	4.60

CONVEX GLASS.

Card size,	2⅝x3½	per gro.	$3.60
Cabinet size,	4¼x6	"	6.00
Boudoir "	5¼x8½	per doz.	2.25
	6½x8½	"	2.40
	8 x 10	"	4.80
	10 x 12	"	12.00

All other articles for Convex Glass painting constantly on hand at the lowest market rates.

JAPANNED TIN SKETCH BOXES—For Oil Colors.

No. 00 POCKET BOX.

Similar to above Cut, without a handle.

No. 00, Pocket Box, empty, size, 5x8½, 1¼ inches deep.....each, $ .90
" " " " Fitted with 10 tubes, 3 sable brushes, 2 bristle brushes, 1 blender, 1 palette knife, 1 bottle of oil, 1 bottle turpentine, palette, oil cup.....each, $3.15

No. 0.

No. 0, 6x13, 2¾ inches deep (unfitted).....each, $1.35
No. 0, Fitted with 17 W. & N's. tubes, 3 bristle brushes, 3 red sable brushes, blender, palette cup, palette knife, oil and turpentine.....each, $4.60

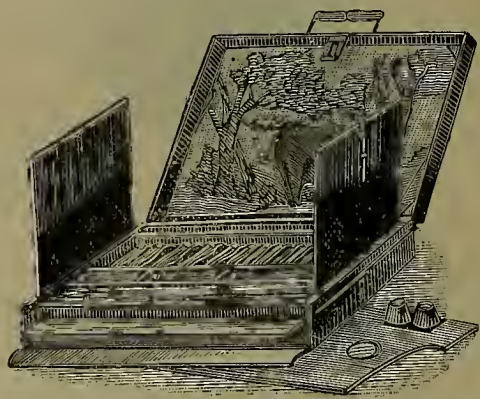
No. 1, 9¼x13¼, 3 inches deep .....each, $1.50
Same style as No. 4 box (see cut page 80) without lids to cover tubes.

No. 1, Fitted with 23 Winsor & Newton's tubes, palette, palette knife, 4 red sable brushes assorted sizes, 4 bristle brushes assorted sizes, oil cup, bottle of oil, bottle of turpentine, crayons, crayon holder and Badger blender No. 3.....each, $5.78

JAPANNED TIN BOXES FOR OIL COLORS—Continued.

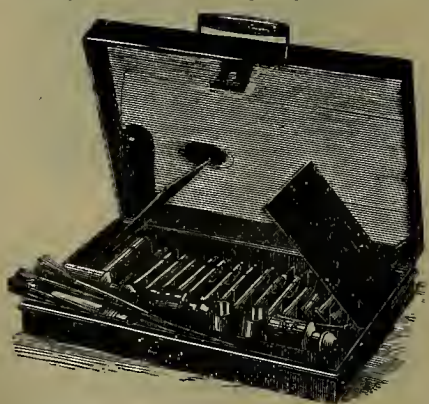
No. 2, Size 9¼x13¼, 3 inches deep, with lid covering spaces for tubes, oils and brushes, two partitioned trays for colors (similar to No. 3 without slide for sketches).....each, $2.25

No. 2, Fitted, containing 1 polished palette, trowel knife, double oil cup, 24 W. & N. tubes, 6 bristle and 7 red sable brushes assorted sizes, 1 Badger blender No. 5, bottle oil, bottle turpentine, crayons and holder.....each, $8.40



No. 3, Size 9⅞x13⅝, 3 inches deep, with slide for sketches, two partitioned trays for colors, lids (not shown in cut) covering spaces for brushes, oils and colors .....each, $3.00

No. 3, Fitted, containing 23 Winsor & Newton's tubes, 9 extra super red sables, 6 bristle brushes, Fch. blender No. 8, 4 inch palette knife full polished palette, double oil cups, crayons and crayon holder, charcoal, oil in cans, trowel knife, jointed mahl stick, and varnish brush. Everything in this box is first quality.....each, $13.50



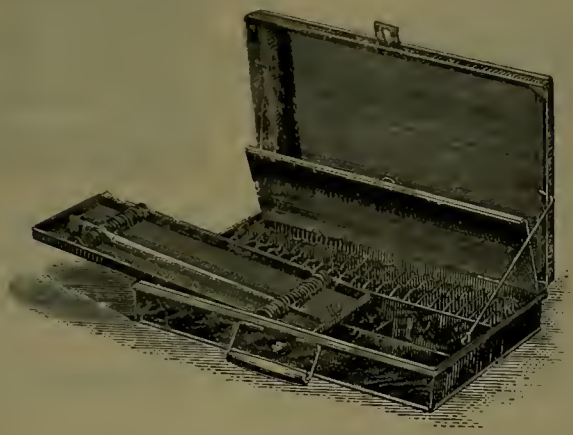
No. 4, size, 9¼x13¼, 3 inch deep, with lids covering tube space.....each, $1.70

No. 4, Fitted, containing 24 Winsor & Newton's tubes, 6 bristle brushes, assorted sizes, 6 sable brushes assorted sizes, 1 ox hair brush, 1 Badger blender, palette, palette knife, oil cup, 1 bottle oil, 1 bottle turpentine, crayons and crayon holder.....each, $7.00

JAPANNED TIN BOXES FOR OIL COLORS—Continued

No. 5, size 9x13½, 3 inches deep, with slide for sketches, and lid covering tubes, brushes, etc.....each $2.50

No. 5 fitted, containing 24 Winsor & Newton's tubes, palette, palette knife, double oil cups, 7 W. & N. bristle brushes, assorted sizes, 7 W. & N. red sable brushes, assorted sizes, 1 ox hair brush No. 4, 1 blender No. 8, 1 bottle drying oil, 1 bottle turpentine, crayon holder and crayons .. .each $11.40



"IMPROVED ECLIPSE."

No. 6, Improved Eclipse, size 9x13, 3¼ inch deep, two partitioned trays for tubes with lid to cover them, patent tray for holding wet brushes, beveled cover.....each $2.25

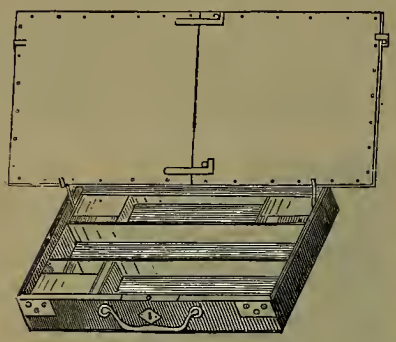
No. 6, fitted Improved Eclipse Box, containing a polished palette, palette-knife oil cups, Badger blender No. 6, 7 bristle and 7 red sable brushes, assorted sizes, 1 ox hair brush, 24 W. & N. tubes, crayon holder and crayons, each$9.30

No. 6½ Improved Eclipse Box same as No. 6 with extra compartment for carrying sketches.....each $2.50

MUSIC ROLL.

No. 7½ Music Roll Box, size 3 inches diameter x 13 inches long, will hold 21 4 inch tubes, brushes, oil, &c., and folding palette, very compact,...each $2.25

Palettes for above.....per doz $8.00



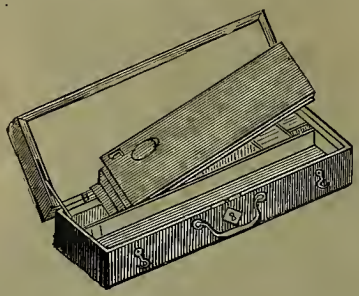
No. 260.

No. 616.

FRENCH ARTIST WOODEN BOXES FOR OIL COLORS.

Interiors Fitted in Tin

No. 613 whitewood box 12x15½.....each $4.50
No. 616/4 walnut box 10½x14½.....each 6.37
No. 616/5 walnut box 12x15¼.....each 6.75
No. 616/6 walnut box 13½x18.....each 7.50
No. 620/5 walnut box 12x15½.....each 12.00
No. 622/5 walnut box 12x15½ arranged for carrying 2 wet sketches.....each 8.25
No. 637/6 Studio Box Polished walnut 13½x18 with drawer.....each 13.50



Nos. 624 and 625.

OBLONG ARTISTS' BOXES WITH FOLDING PALETTE.

No. 624/6 Polished walnut box 7½x18.....each $7.20
" 625/4 " " " 6¼x14½..... " 7.13
" 625/5 " " " 6½x15½..... " 7.50

ARTIST WOODEN SKETCH BOXES WITH ADJUSTABLE LEGS.

No. 641 Walnut 11½x14½.....each $18.75

VARNISHES.

		1-oz. Bots.	2-oz. Bots.
Damar	per doz.	$1.35	$2.00
Grecian	"	1.67	2.50
Copal	"	1.35	2.00
Mastic	"	2 00	3.00
" double strength	"	2.50	4.00
French Spirit	"	2.00	3.00
White Shellac	"		2.50
Brown "	"		2.00
Ebonizing Liquid	"		2.00
Japan Gold Size	"		2.50
Soehnee's Retouching No. 1 for Gouache colors	"	3.50	
" " " 2 " Water "	"	3.50	
" " " 3 " Oil "	"	3.50	
Winsor & Newton's Mastic, extra	"		11.00
" " Picture Mastic	"		9.00
" " Japan Gold Size	"		4.00
*Pratt & Lambert's Amber enamel, 2 oz. bottles	"		4.17
* " " " " 4 " "	"		8.33

OILS.

		1-oz. Bots.	2-oz. Bots.
Linseed Oil	per doz.	$1.00	$1.50
Drying "	"	1.00	1.50
Pale Drying "	"	1.00	1.50
Poppy "	"	1.00	1.50
Nut "	"	1.00	1.50
Turpentine	"	1.00	1.50
Winsor & Newton's Strong Drying Oil	"		3.00
" " Pale " "	"		3.00
" " Linseed "	"		3.00
" " Poppy "	"		3.00

* A varnish that is intended for "Albert ware" vases, etc., it produces a very high gloss, similar to that on fired earthenware.

SICCATIF AND SUNDRY PREPARATIONS.

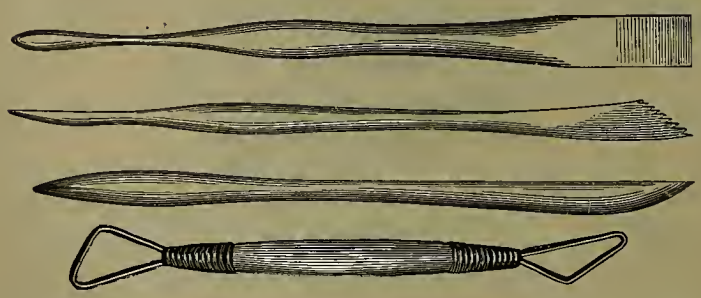
		Per dozen.
Siccatif de Courtray	1 oz bottles,	$ 3.00
" " Harlem	2 "	6 20
" " "	4 "	12.40
" " Rowney & Co's	3 "	8.00
Mixing Preparations to prevent oil colors from running on satin, wood, etc.	2 oz. bottles	$2.00
Bronzing Liquid	"	1.67
Lustre Medium	"	2.00
Indelible Medium, for painting on wash fabrics, linen, &c.		3.75

FIXATIF, ETC.

Rouget's	Fixatif	3 oz bottles, per doz	$6.00
S. V. & Co's.	"	2 " " "	2.50
"	"	4 " " "	3.60
"	"	8 " " "	6.67
Vibert's	" for water color paintings		20.00
Pastelline for fixing Pastel Paintings		2 oz bottles, per doz.	7.50

Our Fixatif is fully equal to any in the market.

MODELING TOOLS.



6 inch Bone, various shapes	per doz	$3.00
6 " Boxwood, various shapes	"	1.20
8 " " " "	"	2.00
9 " Wire Ends, " "	"	6.00

CHINA PALETTES—Oval.

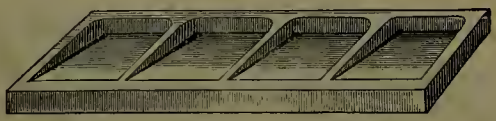
4¾	inches long	per doz	$2 10	8	inches long	per doz	$4.55
5¼	" "	"	2.80	9¼	" "	"	5.25
6	" "	"	3.15	10½	" "	"	5.95
7	" "	"	3.85				

CHINA PALETTES—Oblong.

4	inches long.	per doz,	$2 10	8	inches long	per doz.	$4.55
5	" "	"	2.80	9	" "	"	5.25
6	" "	"	3.15	10	" "	"	5.95
7	" "	"	3.85				

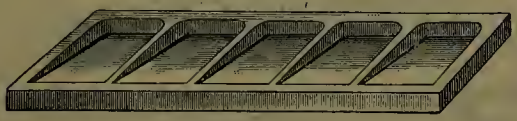
3 SLANT TILE.

No. 708 A 4x2½x½ in.....per doz. $2.80
" 708 4x2½x¼ in..... " 2.10



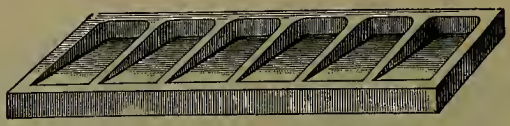
4 SLANT TILE.

No. 709 8x3 in.....per doz. $3.30



5 SLANT TILE.

No. 710 8x3 in.....per doz. $4.20

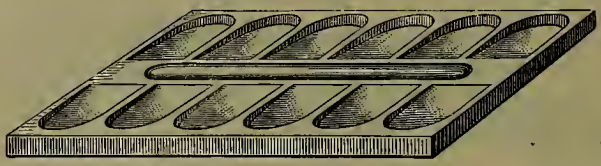


6 SLANT TILE.

No. 711 8x3 in.....per doz. $4.20

8 SLANT TILE.

No. 720 7¾x6.....per doz. $7.00

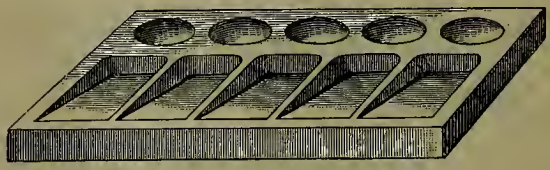


12 SLANT TILE WITH WELL.

No. 721 7¾x6½ in.....per doz. $11.20

3 WELL AND 3 SLANT SLAB.

No. 704 4¼x4½ in.....per doz. $2.80



5 WELL AND 5 SLANT SLAB.

No. 714 7¾x4¼ in.....per doz. $7.00

No. 706 Center Slant 6x2¼.....per doz. $2.80

INDIAN INK SLABS.

No 701	3 wells and	1 slant.		2¼ x 1½	...	per doz.	$1.40
" 702	3 "	1 "		3½ x 2¼	...	"	2.10
" 717	3 "	1 "		4 x 2½	...	"	2.35

INDIAN INK SLAB—Deep.

No. 705 5x3¼ ..... per doz. $5.60

COLOR SLAB WITH 2 MOVABLE WELLS.

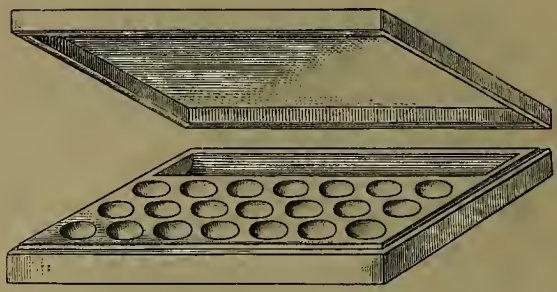
No. 724 6x4 ..... per doz. $8.40

COLOR SLAB FOR CHINA PAINTING.

No. 712 4x2⅜ ..... per doz. $2.80

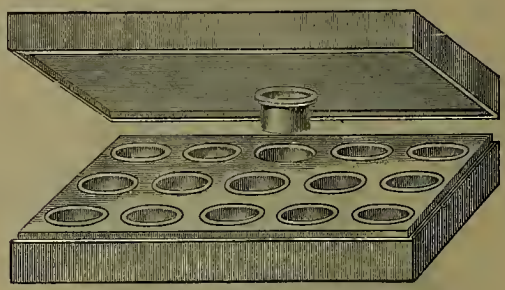
COLOR SLAB FOR CHINA PAINTING.

No. 716 6x4 ..... per doz. $5.60



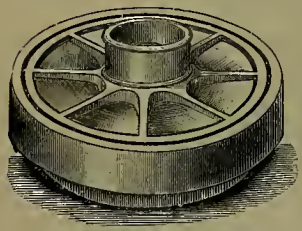
COLOR SLAB—With Cover.

No. 722, 6½x4¼..... .....per doz $11.20



COLOR SLAB—With Cover.

No. 726, 7x4½, 15 movable wells..... ..... per doz. $15.40



ARCHITECT'S BASIN.

Round basin, with center cup and 8 divided slants.....per doz $15.40

CABINET NESTS.

601,	2⅜ in. diam	.....per doz.	sets	$5.95
602,	2⅝ "	..... "	"	7.35
603,	3 "	dbl. deep "	"	8.75
604,	3¼ "	..... "	"	8.75
605,	3⅞ "	..... "	"	10.50

CHINA CUPS.

1 inch diameter	.....per doz.	$	.25
1½ " "	..... "		.40
2 " "	..... "		.50
2½ inch diameter	.....per doz.	$	.60
3 " "	..... "		.80

GOLD PAINT, ETC.

Bric a Brac, Gold Paint (unmixed). per doz. $3.00
" " " " " double size.....per doz. 6.00
Bric a Brac, Silver Paint (unmixed).. " 3 00
Remaissance, Gold Paint (mixed ready for use).....per doz. 2.63
Remaissance, Silver Paint (mixed ready for use) .... per doz. 2.63
Remaissance, Copper Paint (mixed ready for use).....per doz. 2.63
Remaissance, Gold Paint extra large size .....per doz. 5.25

Each box contains a brush and instructions.

METALLIC WATER COLORS.

For Decorating, Lustre Painting and Designing.

Box containing 10 saucers of colors (1 inch diameter) and brush.....per box. $1.00
Box containing 10 saucers of colors (1¾ in. diameter) and brush.....per box. 2 50

These colors are used by mixing with water, just the same as water colors.

BRONZE POWDERS.

We carry the following colors, in either No. 500 or 10,000

Blue Green	Fire	Maroon
Brown	Flesh or Gas-fixture	Orange
Carmine	Green Gold	Pale Gold
Copper	Lemon	Rich Gold
Crimson	Light Blue	Sparkling Silver
Dark Blue	Light Green	Silver
Dark Green	Lilac	Yellow
Deep Gold		

No. 500 ....per lb. $1.25 No. 10,000 ....per lb. $2.50
" ....per oz. .10 " ....per oz. .20

PATENT BRONZE POWDERS.

Apple Green	Light Blue	Sea Green
Blue Green	Light Green	Violet
Dark Blue	New Green	Yellow
Dark Green	Purple	

Per lb..... .....$3.33 Per ounce..... .....$ .25

METALLICS OR BROCADES.

Blue Violet	Fuchsien	Red Violet
Copper	Gold	Rose
Cashmere	Grass Green	Royal Blue
Carmine	Light Blue	Silver
Dark Green	Maroon	Steel
Deep Blue	Moss Green	Straw
Fire	Orange	Victoria Blue

Gold, Silver and Copper....per lb. $2.50 Per ounce.....$.21 Per doz Vials, $1.00
Other colors..... " 3.33 " ..... .25 " " 1.25

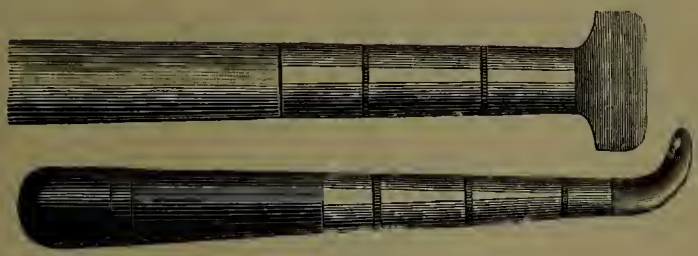
DIAMOND DUST.

In bulk..... .....per lb. $ .67
In 1 oz. bottles..... .....per doz. 1.50
In 2 " ..... " 2.00

GILDERS' MATERIALS.

Agate Burnishers, small size..... ..... per doz. $ 4.50
Gilders' " various shapes and sizes..... " 10.80
" Cushions, 4¾x 8, French..... " 10.80
" " 5¼x8¾, " ..... " 11.70
" " 6 x9½, " ..... " 12.60
" Knives. 6-inch single edge, extra fine English..... " 6.75
" " 6 " " " " French..... " 12.00
" Tips, Badger, 2-inch..... " 2.25
" " " 2½-inch..... " 2.70
" " " Imitation Bradbrook's, 1½, 2 and 2¼ inch hair. " 1.50

Pocket Agate Tracer and Burnisher, mounted in German Silver
.....per doz. $5.40



AGATE BURNISHERS FOR CHINA PAINTING.

Various Shapes.....per doz. $6.30

BLOODSTONE BURNISHERS.

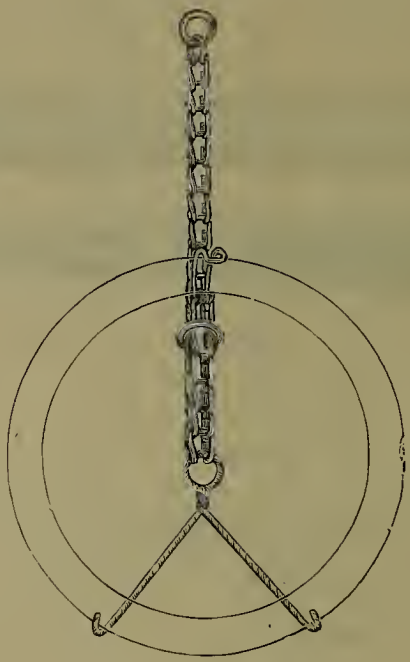
No. 3 Square Shape.....per doz. $14.40
" 11 Slanting " ..... " 10.80

EAGLE POCKET PENCIL COMPASS.

Best and cheapest compass in the market.....per doz. $1.50

READING GLASSES.

Diameter	2	2½	3	3½	4	4½ inch.
Each	$ ·75	$1.15	$1.50	$2.00	$2.50	$3.50



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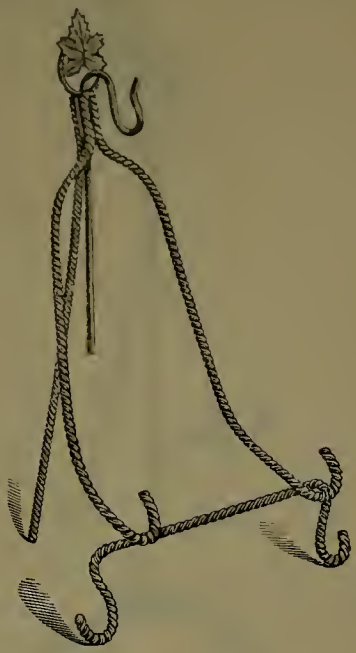

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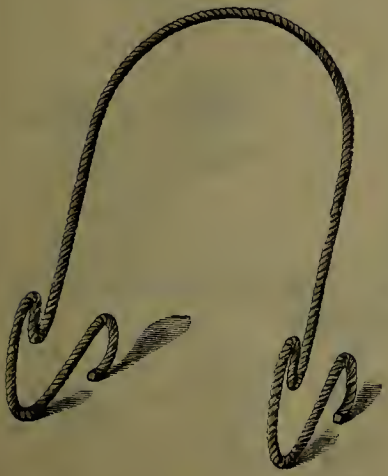

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Nos. 212, 213, 214.

For prices see Page 95

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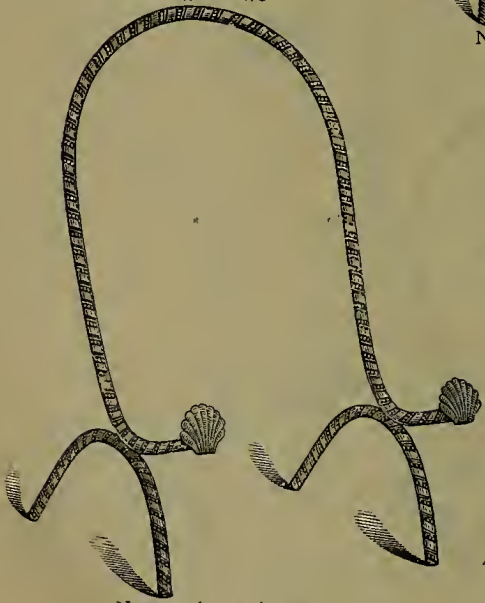

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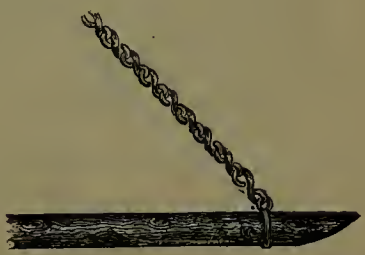

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